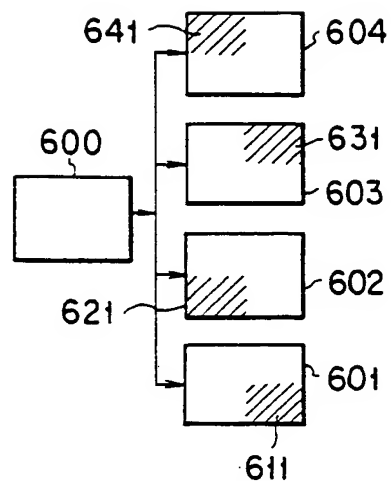
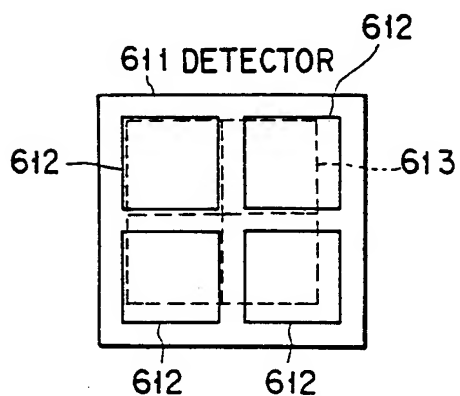


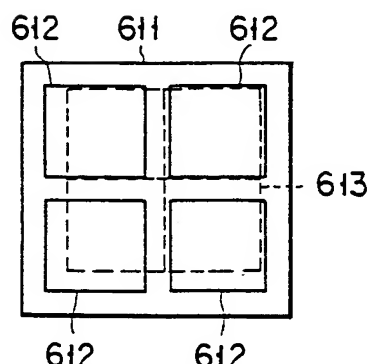
PRIOR ART
FIG. 1



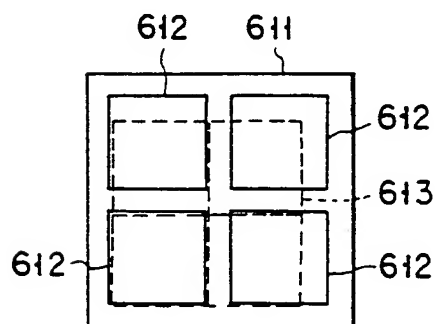
PRIOR ART
FIG. 2



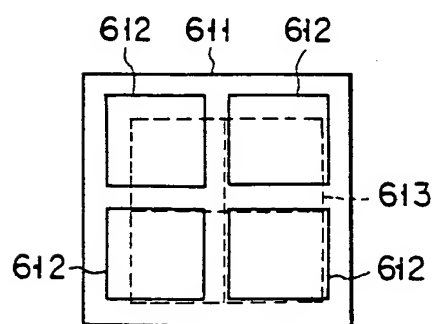
PRIOR ART
FIG. 3A



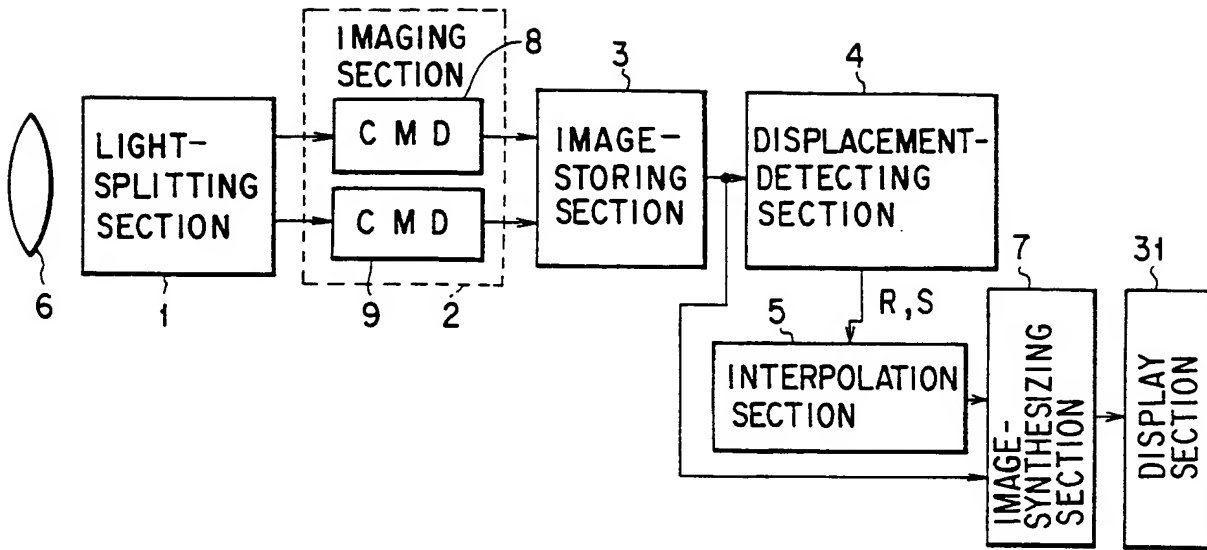
PRIOR ART
FIG. 3B



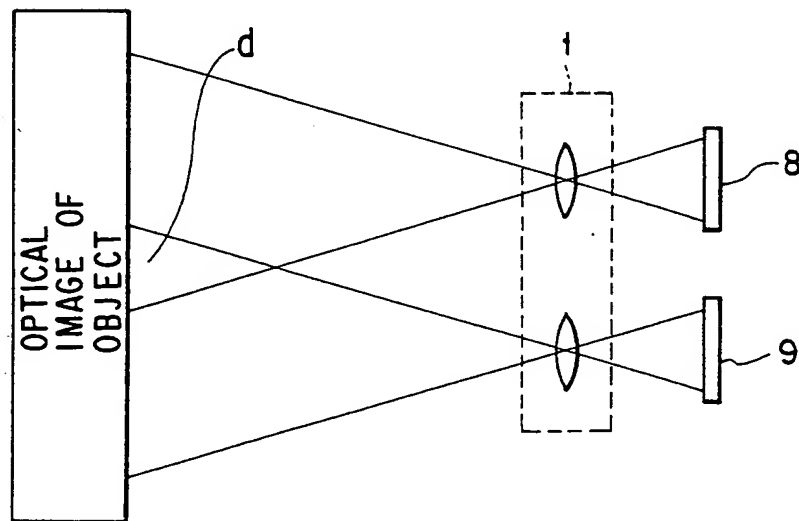
PRIOR ART
FIG. 3C



PRIOR ART
FIG. 3D



F I G. 4 A



F I G. 4 B

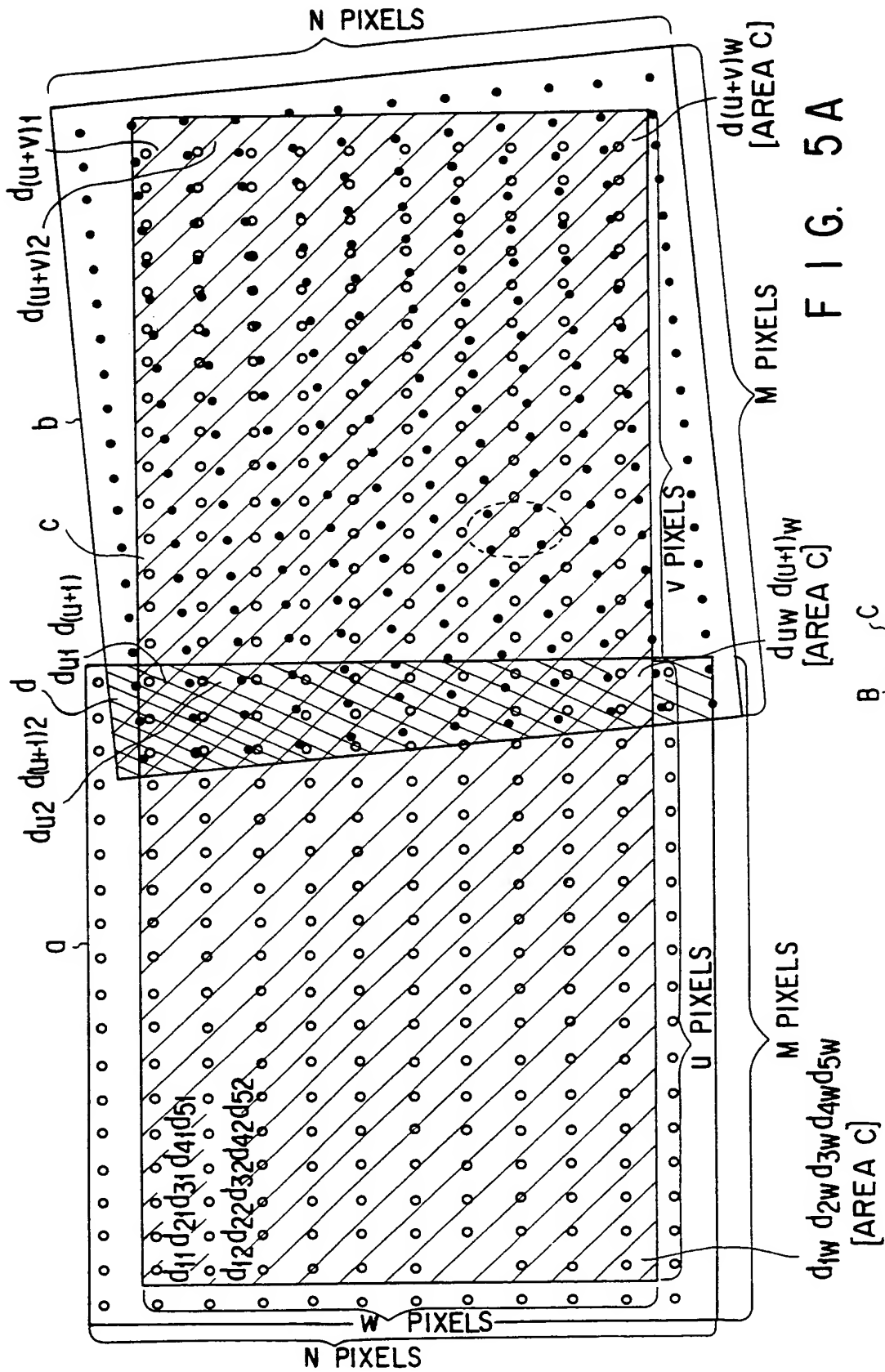


FIG. 5A

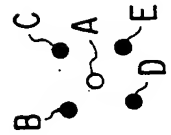


FIG. 5B

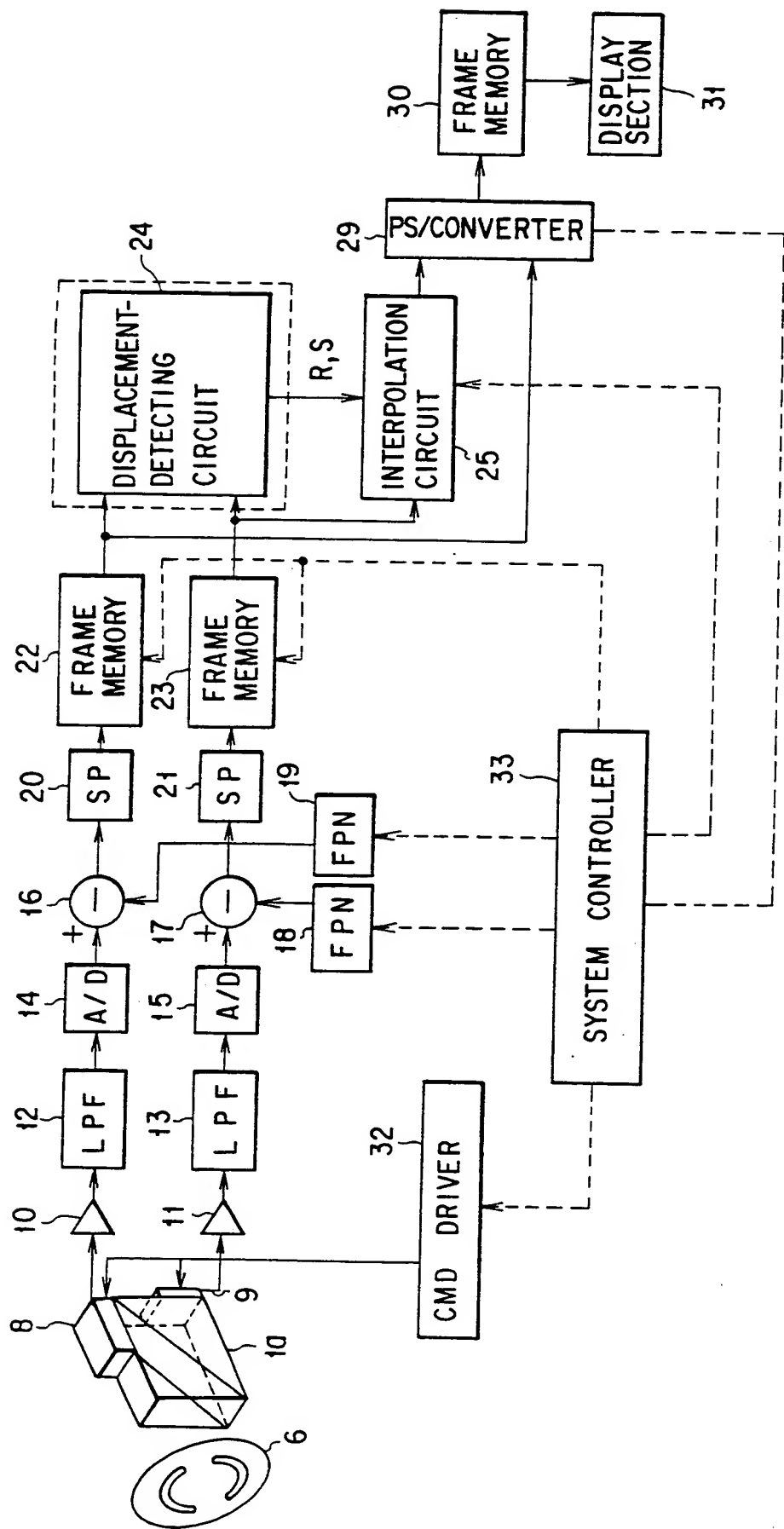


FIG. 6

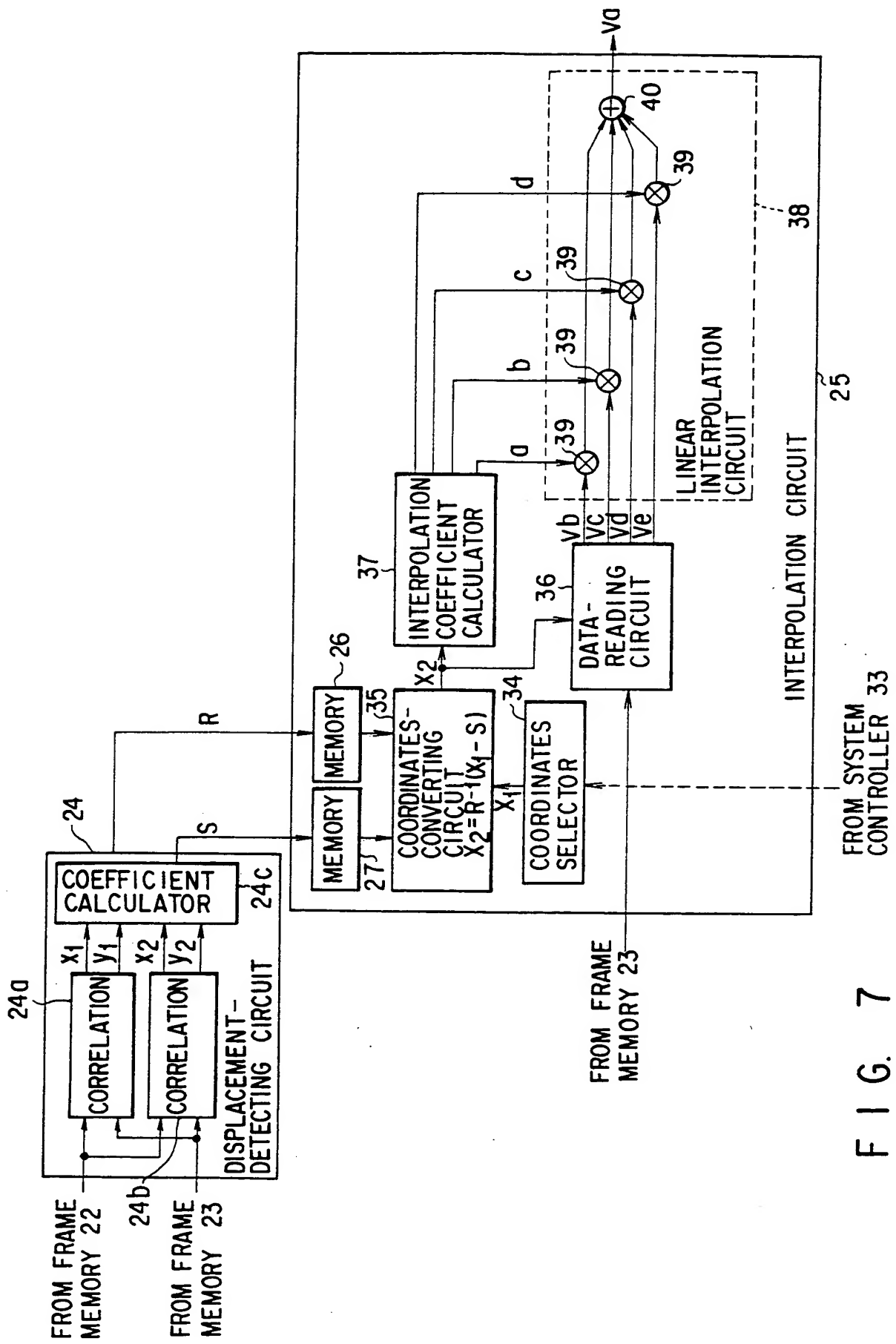


FIG. 7

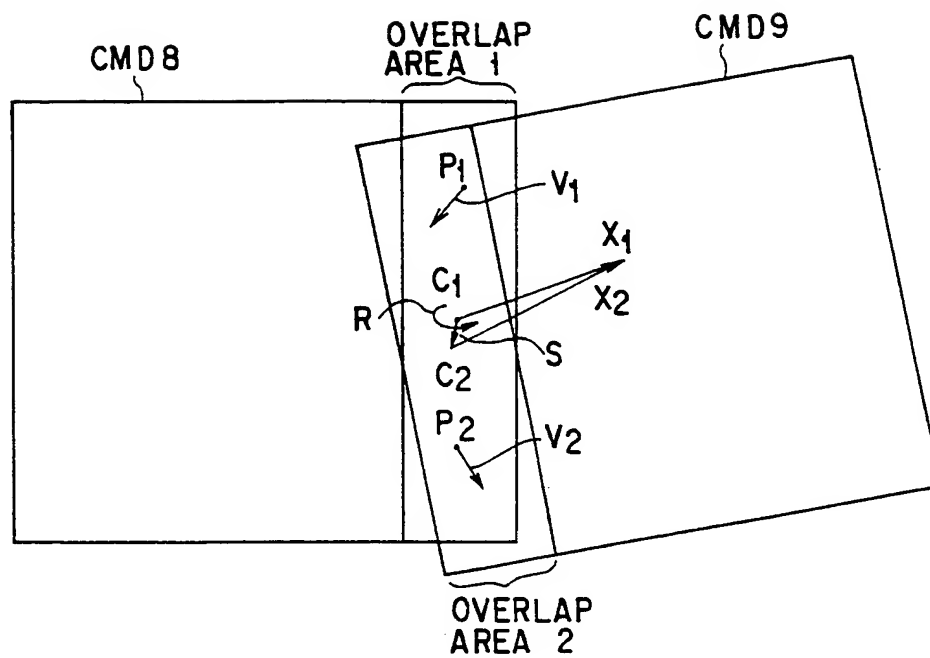


FIG. 8

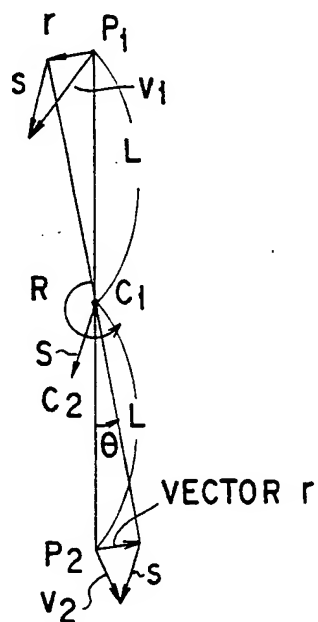
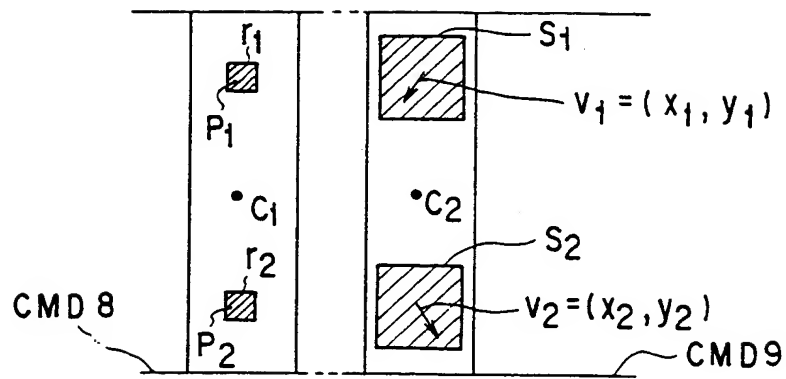
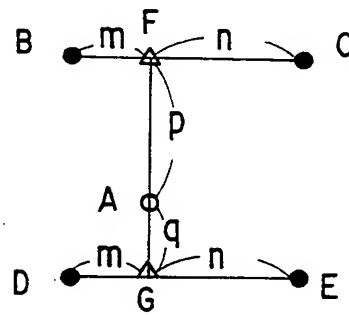


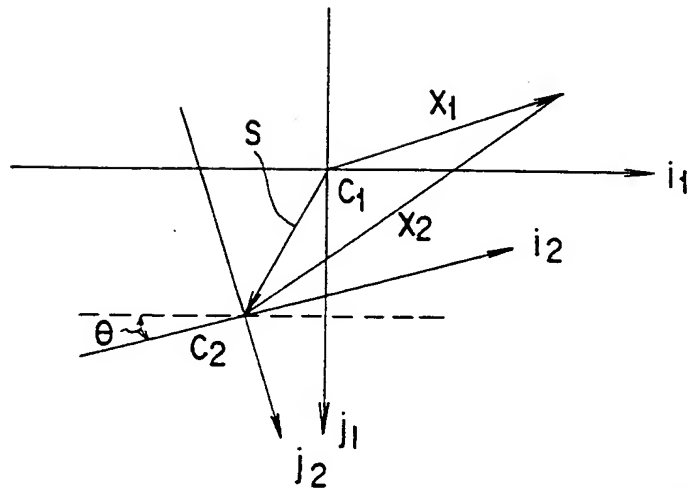
FIG. 9



F I G. 10



F I G. 11



F I G. 12

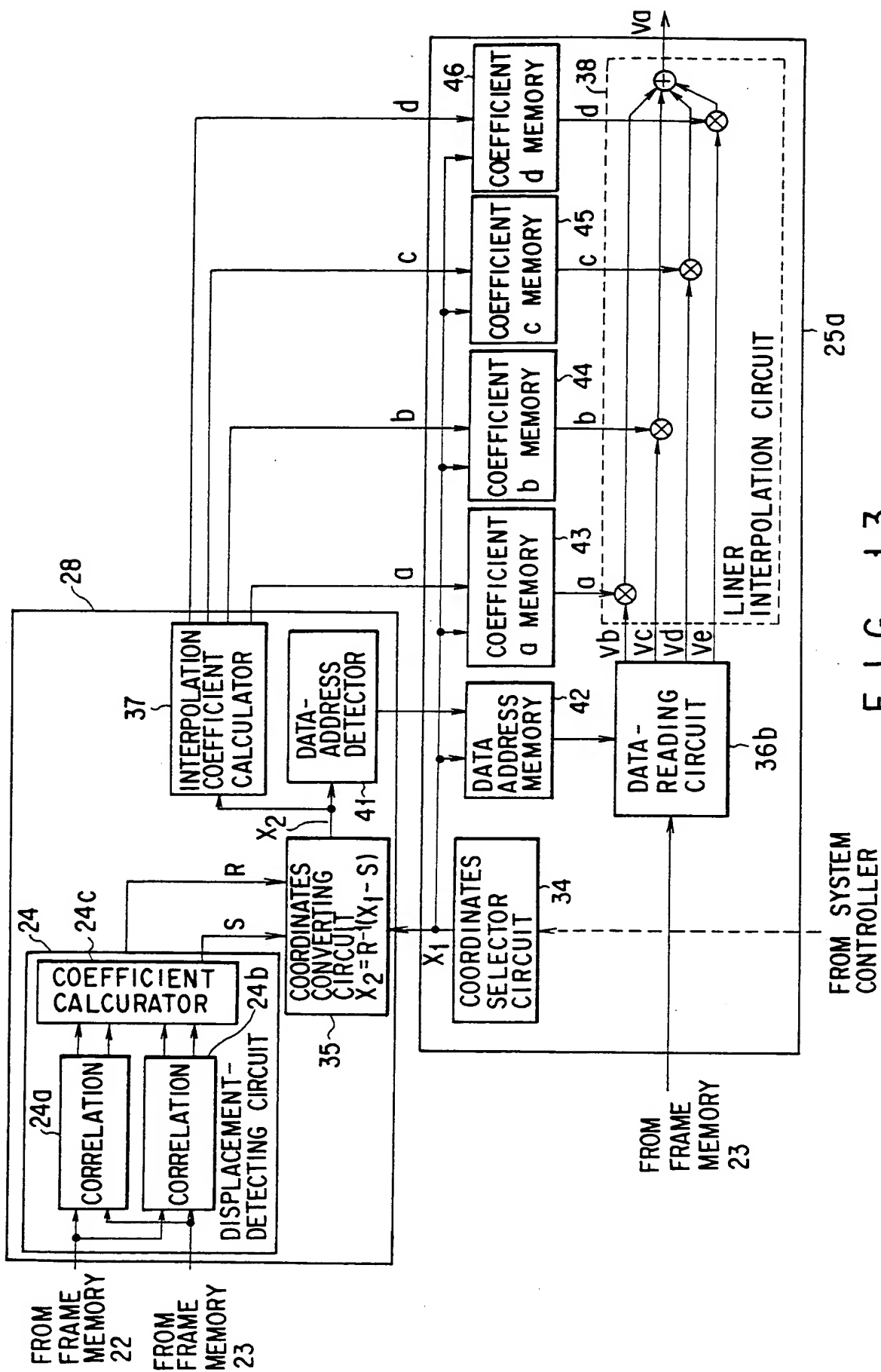
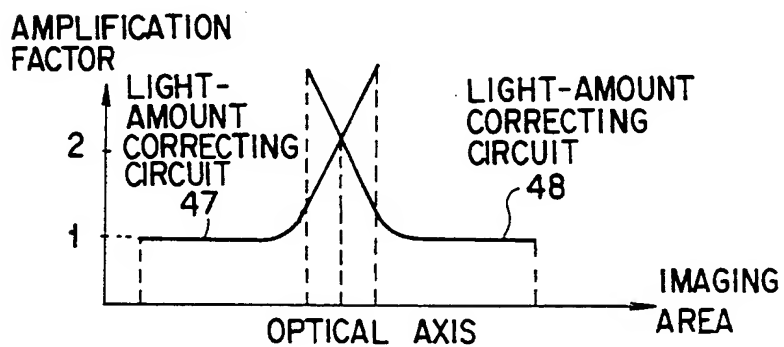
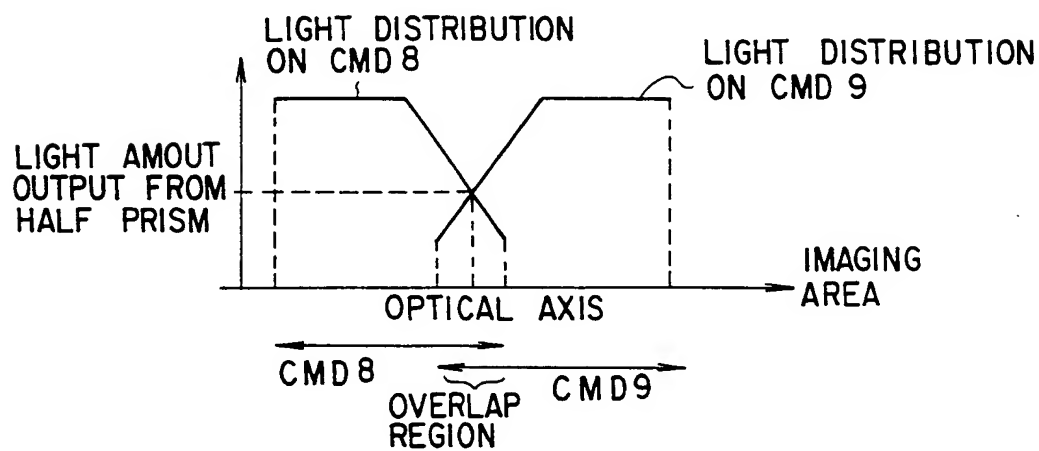
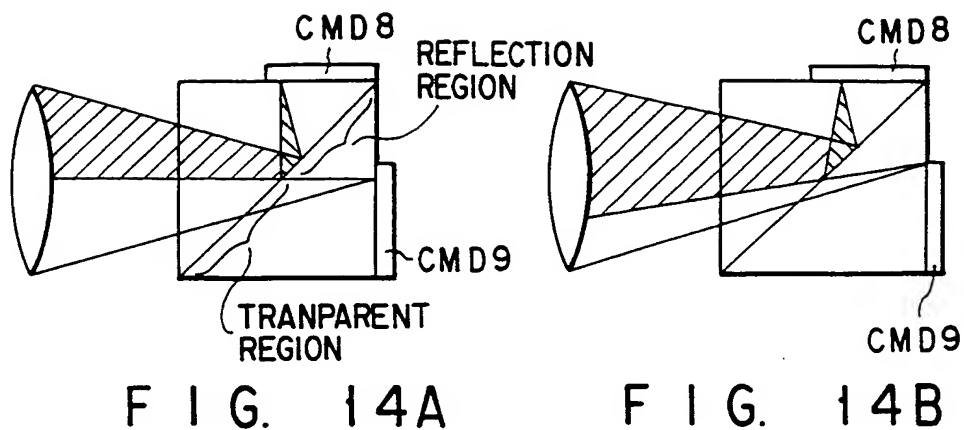


FIG. 13



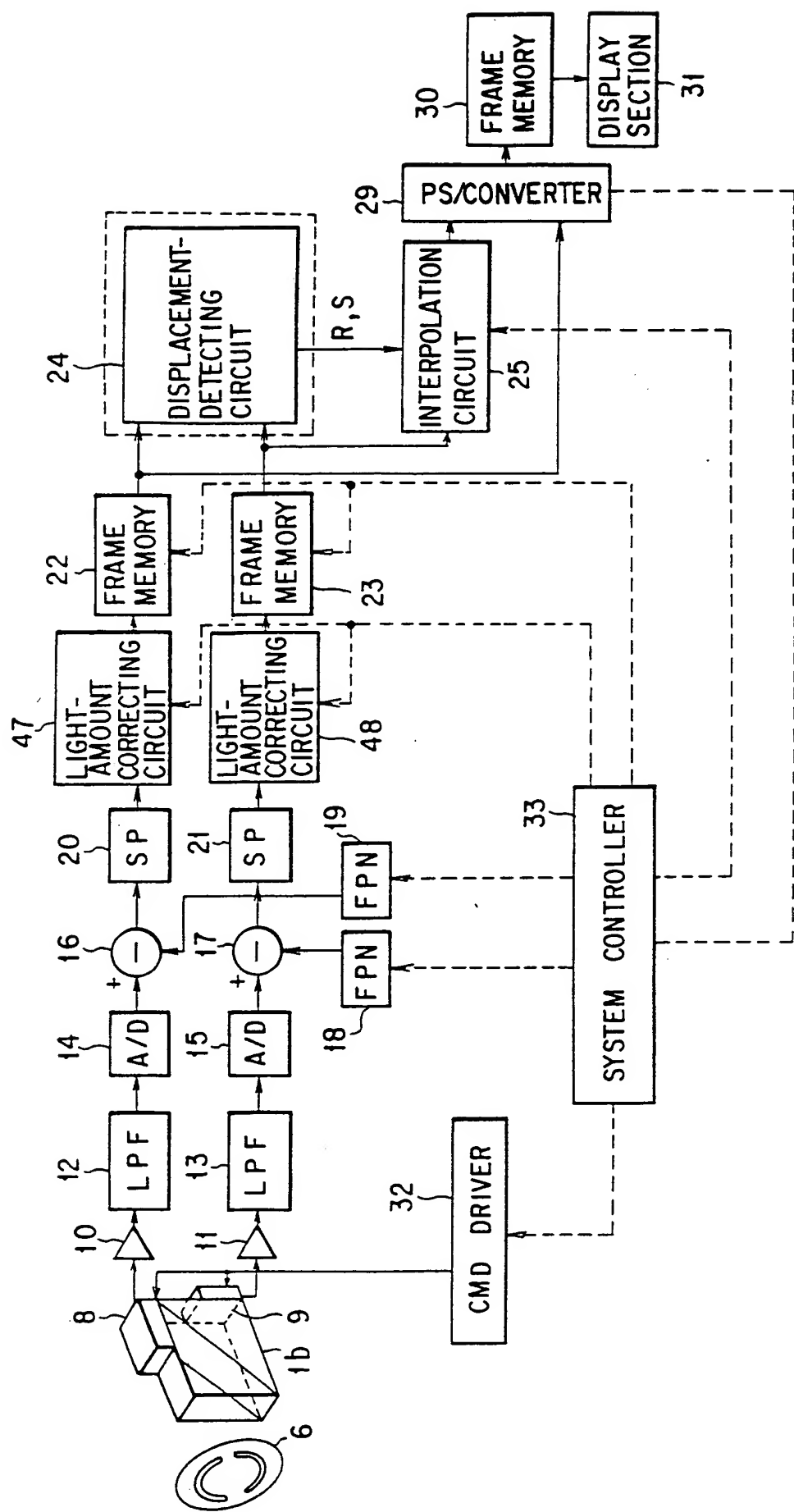


FIG. 17

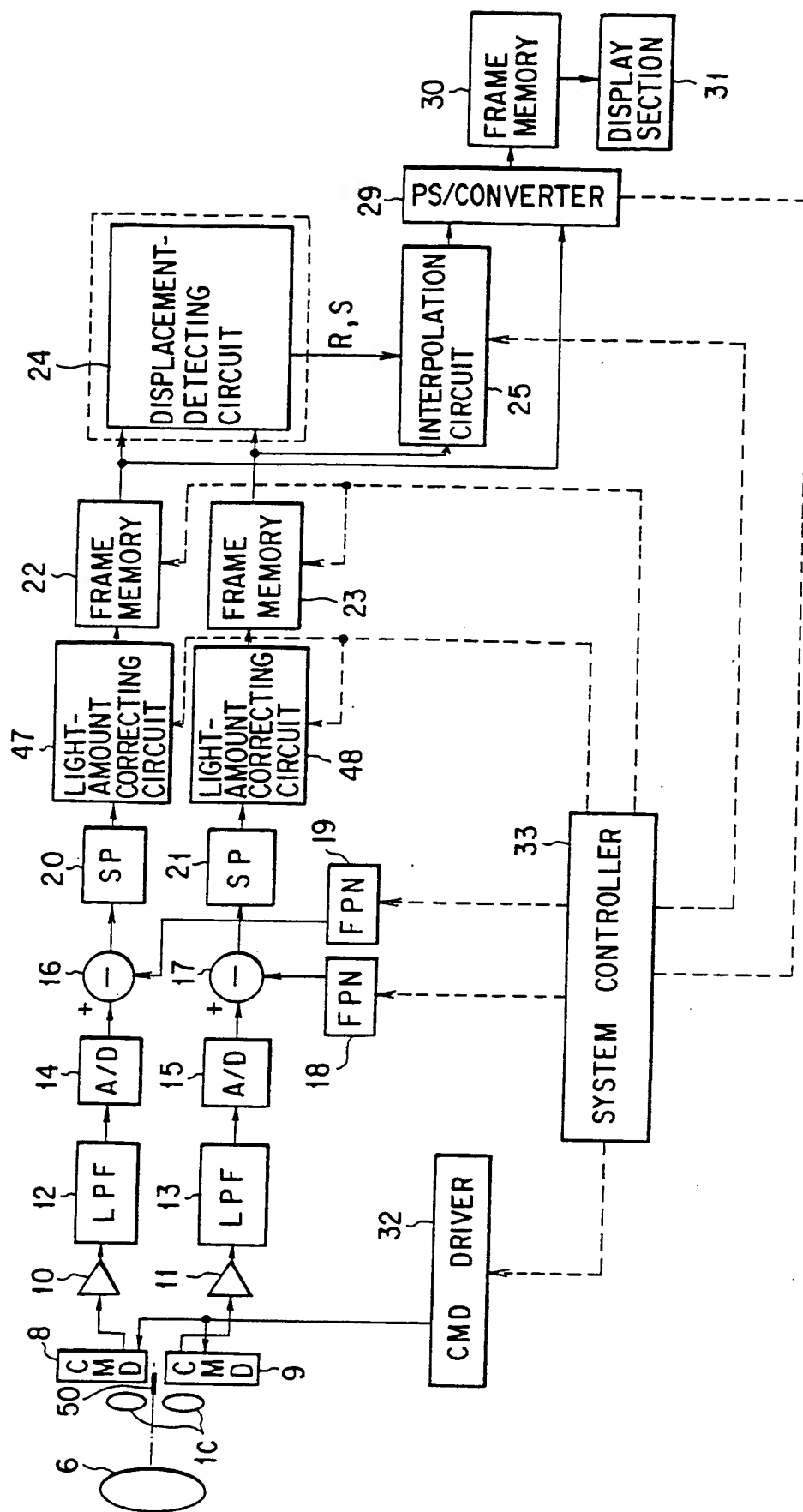
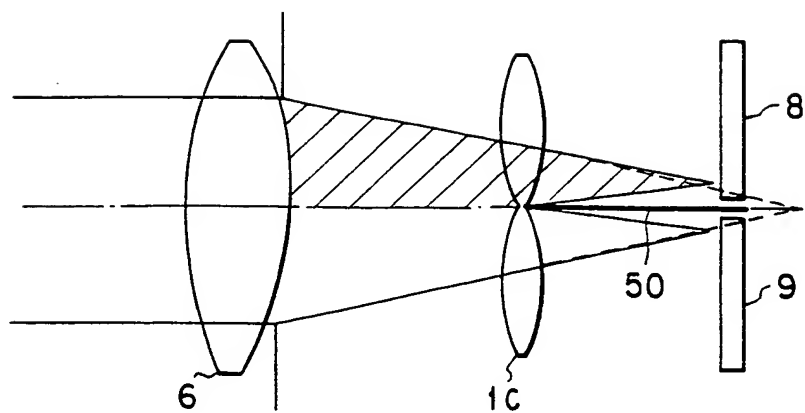
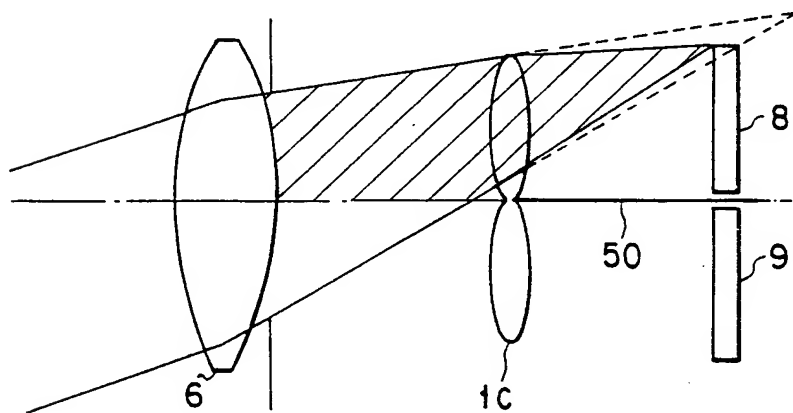


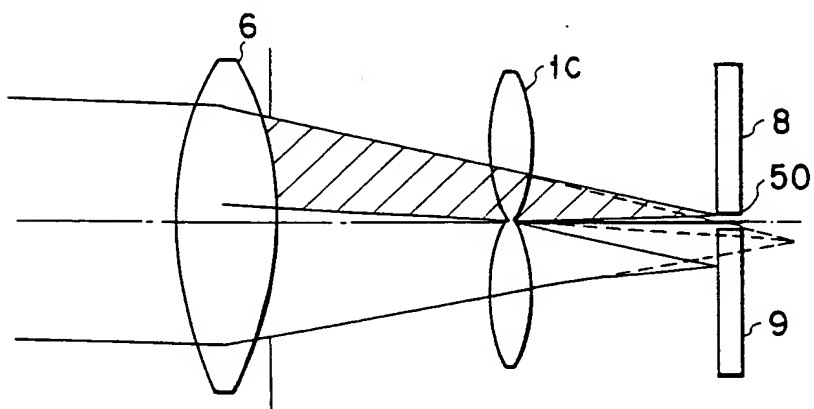
FIG. 18



F I G. 19A



F I G. 19B



F I G. 19C

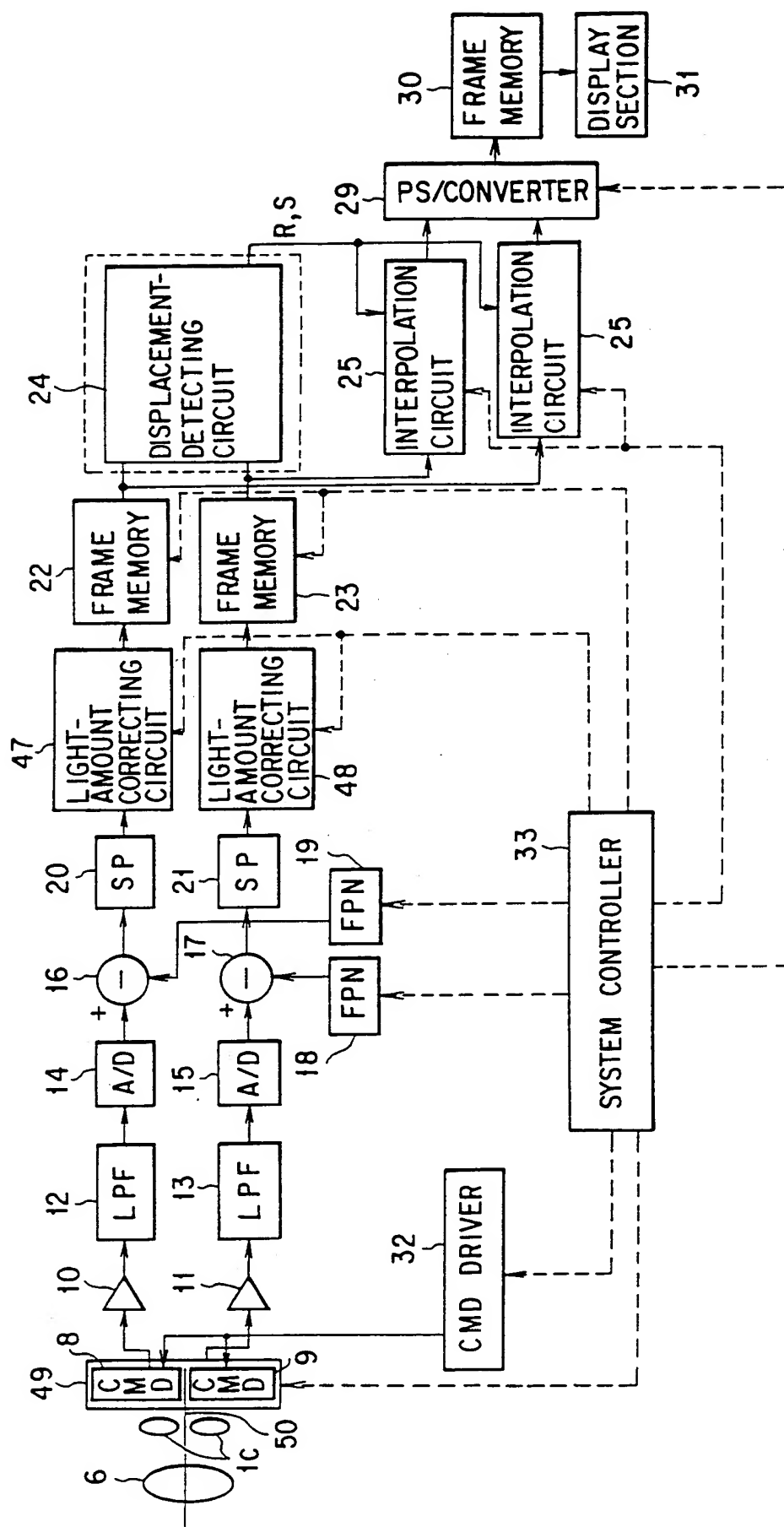


FIG. 20

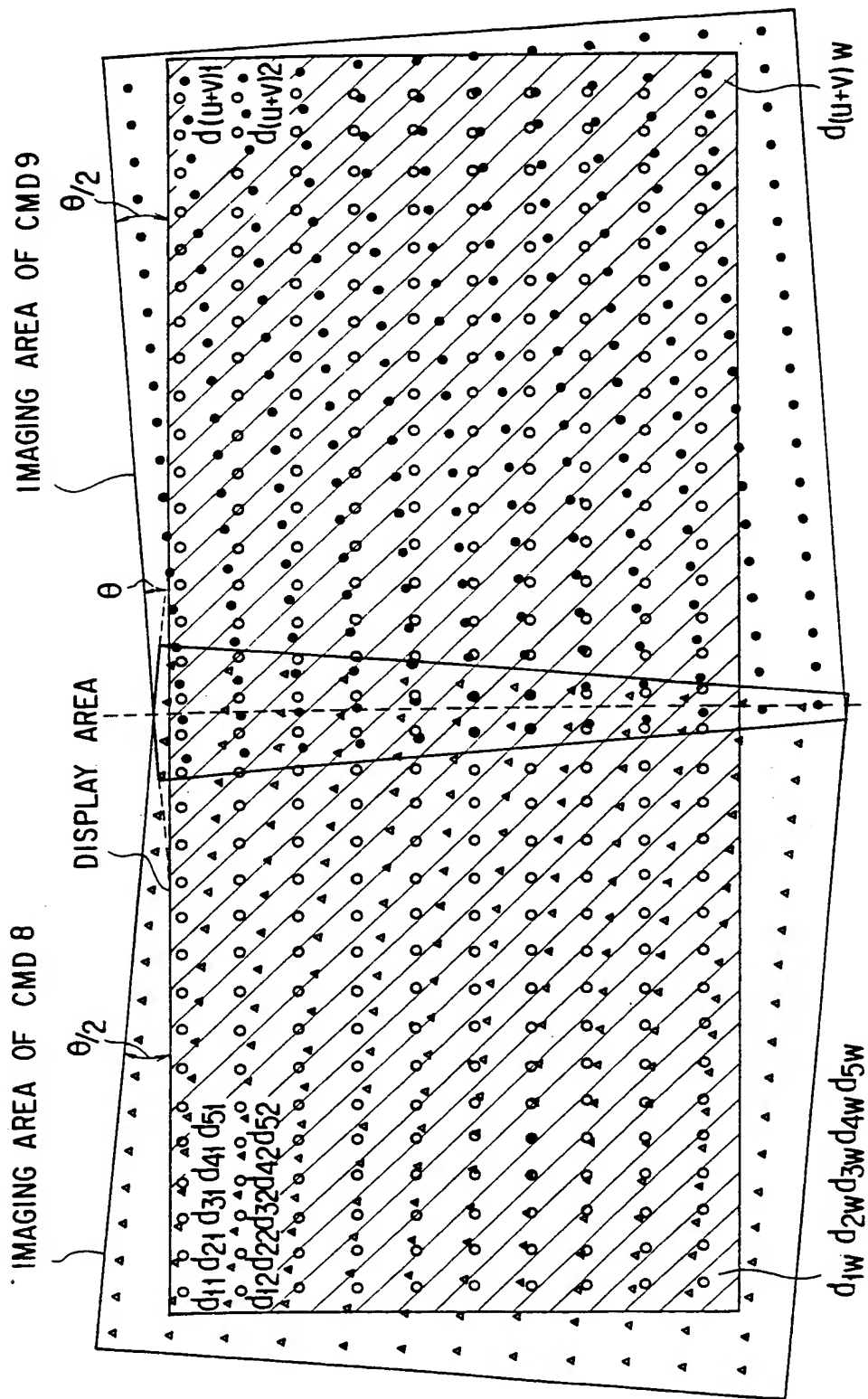


FIG. 21

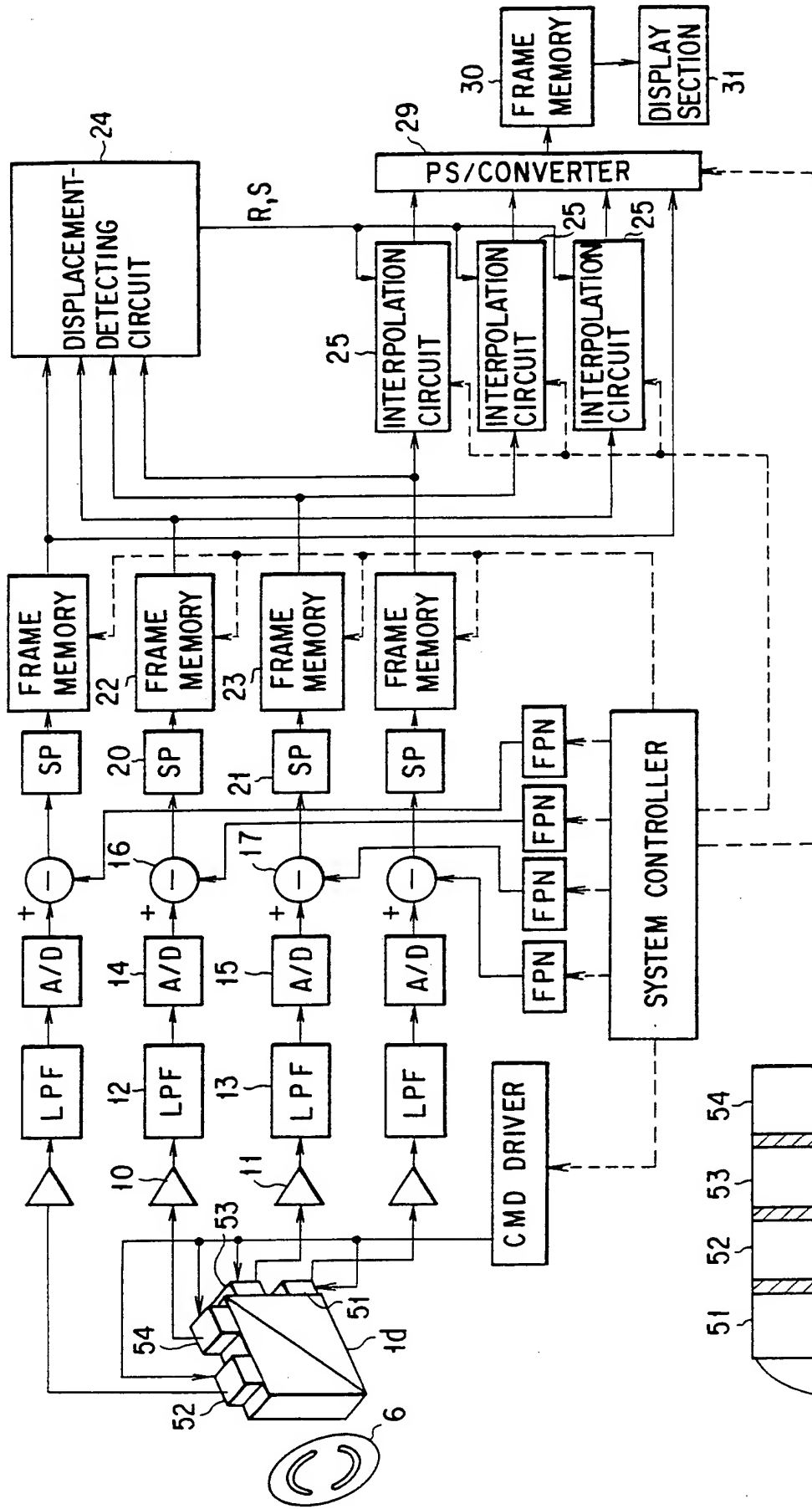


FIG. 22A

FIG. 22B

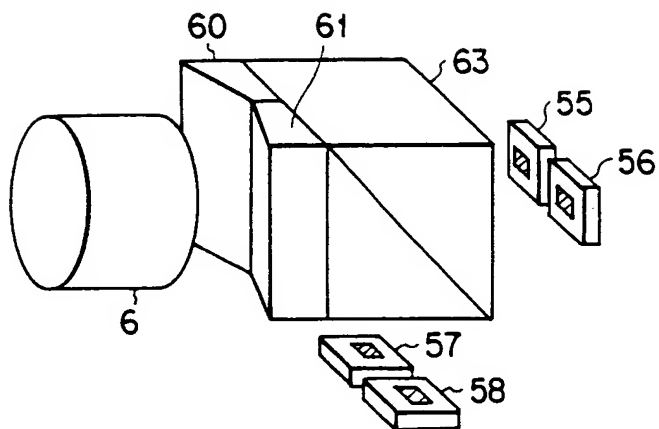


FIG. 23A

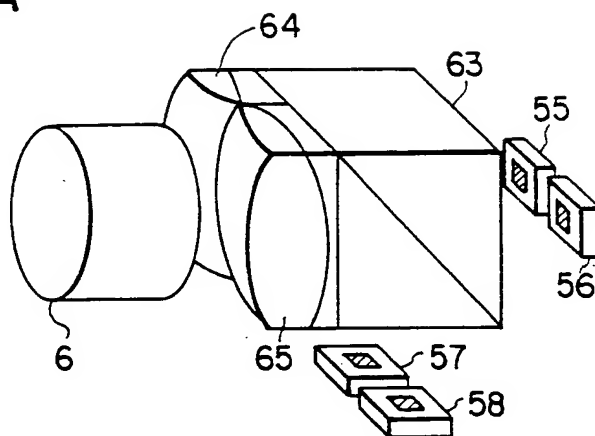


FIG. 23B

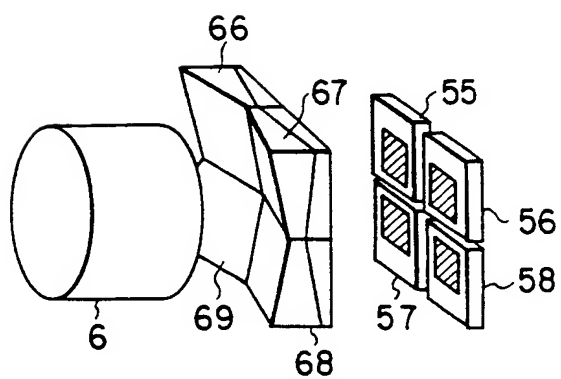


FIG. 23C

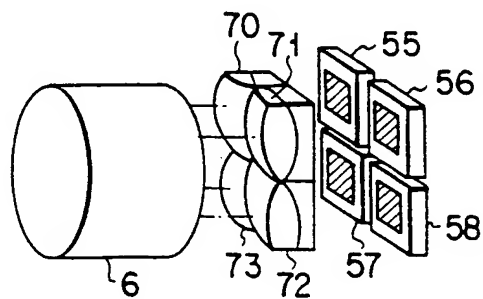
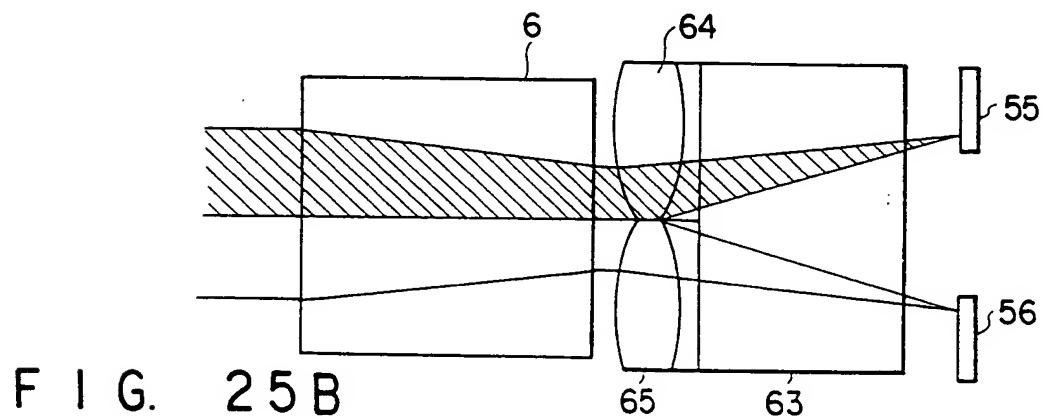
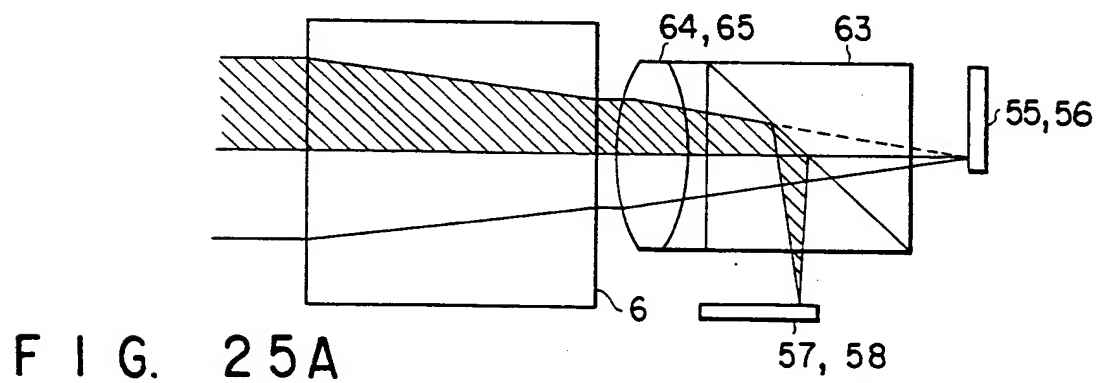
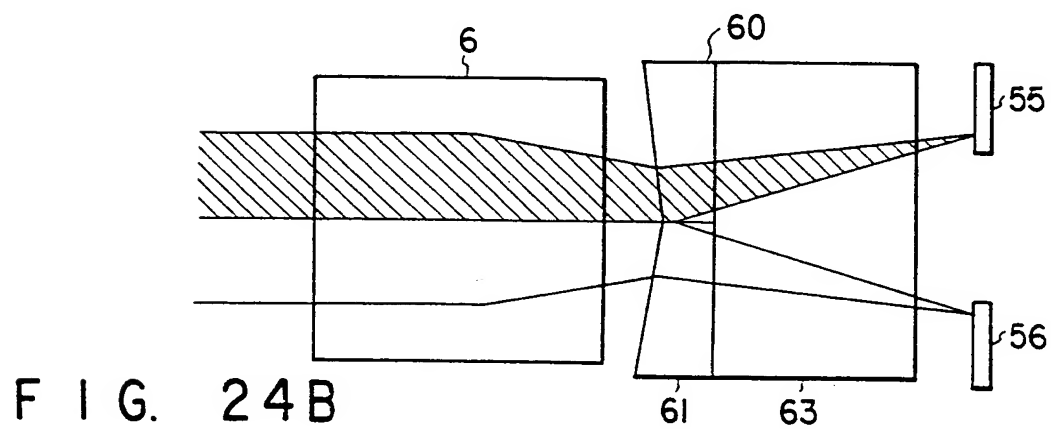
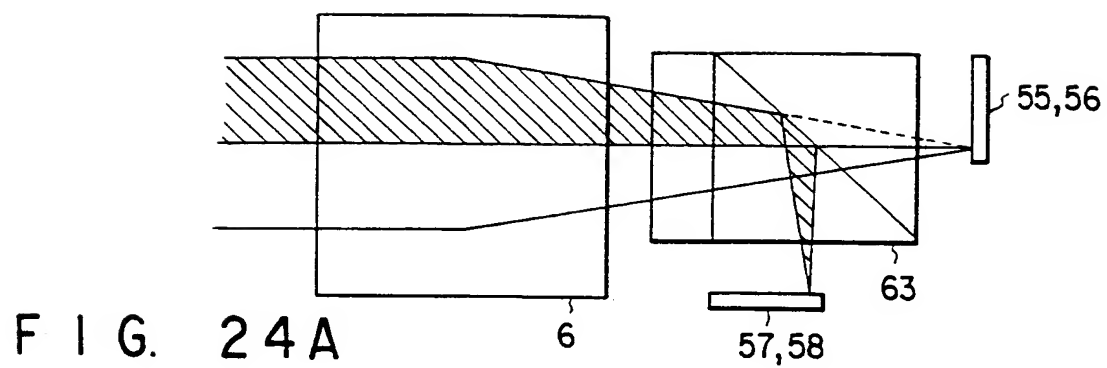


FIG. 23D



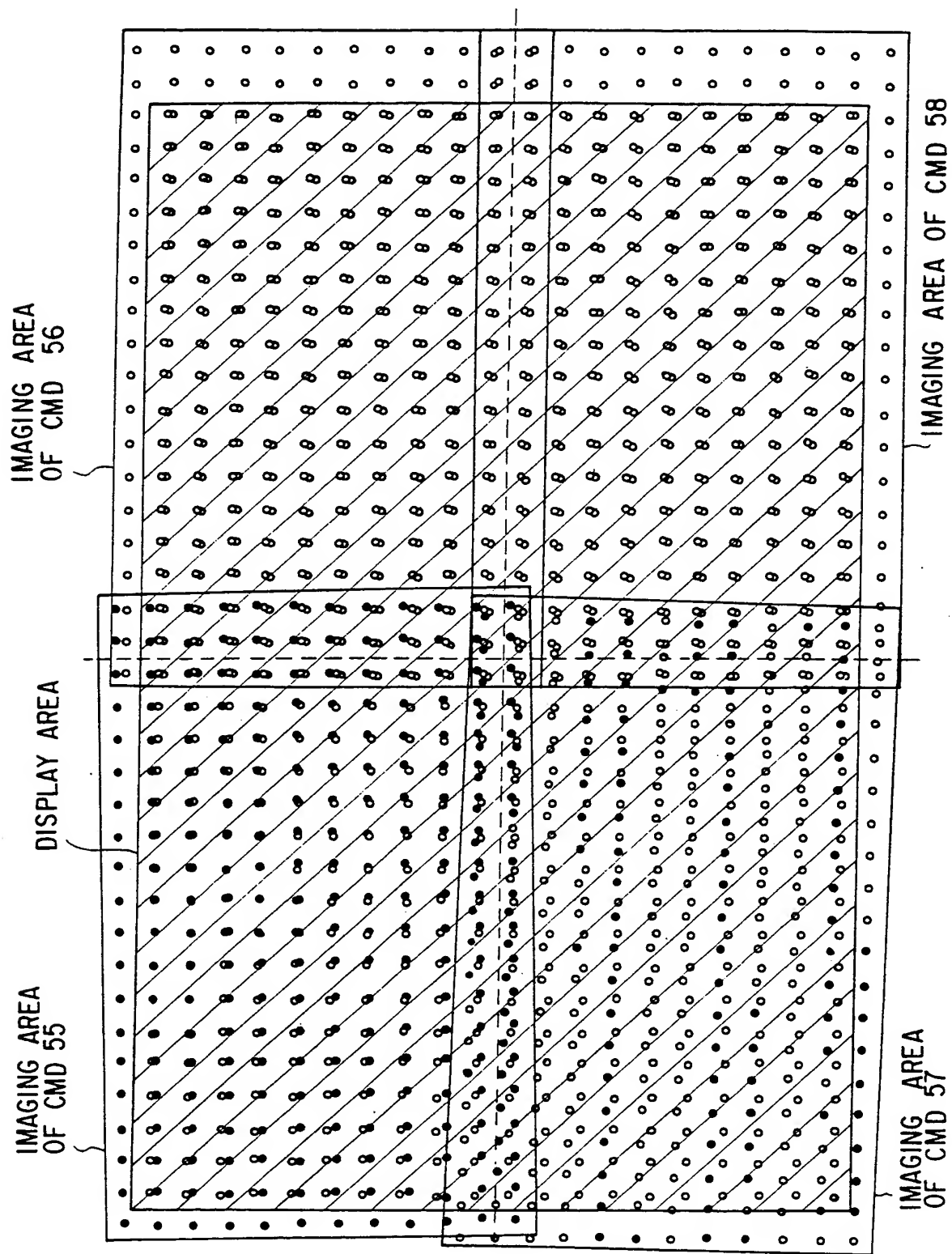


FIG. 26

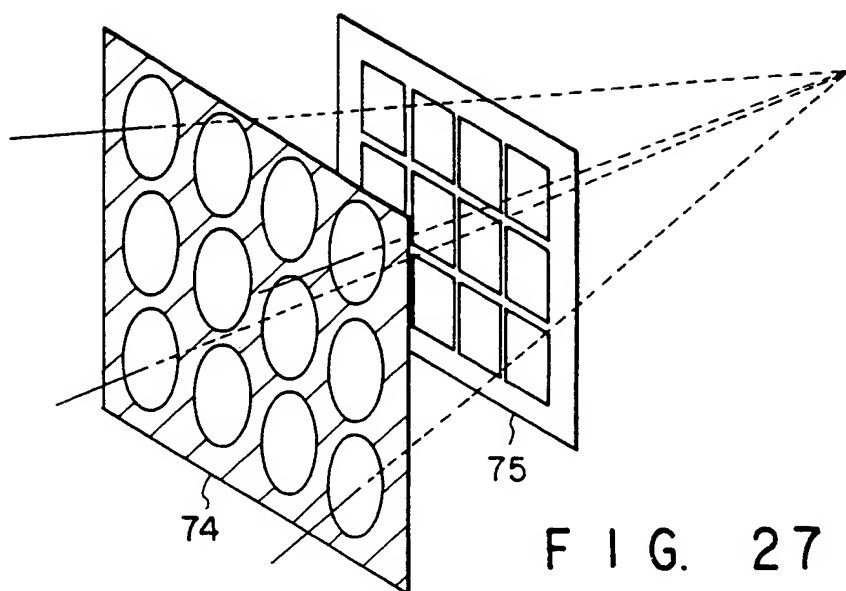


FIG. 27

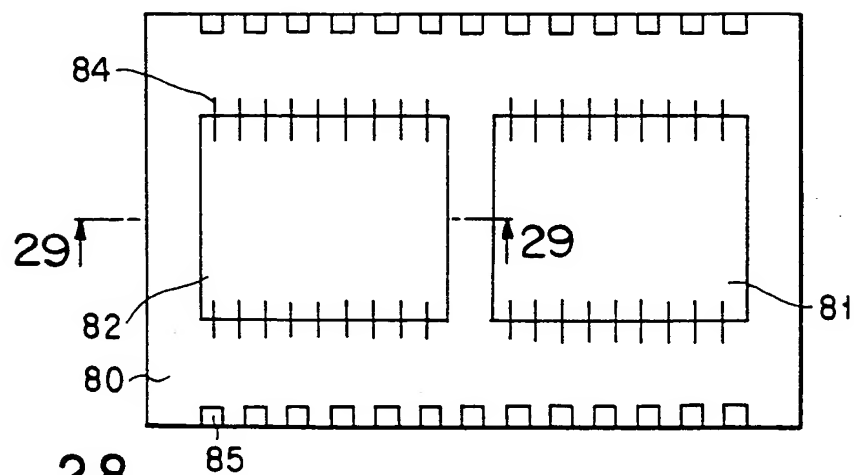


FIG. 28

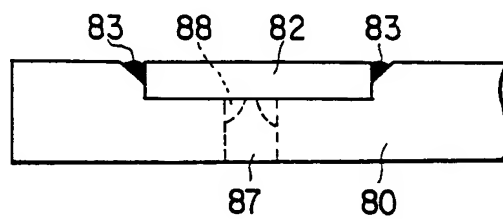


FIG. 29

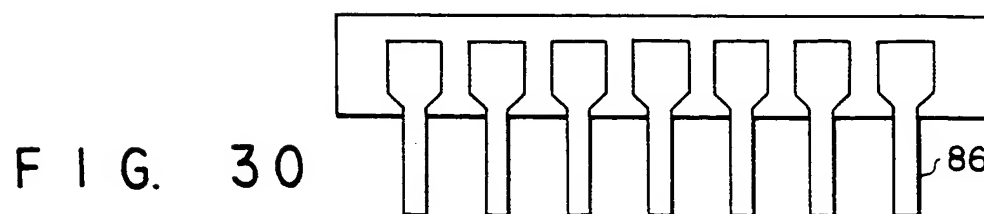


FIG. 30

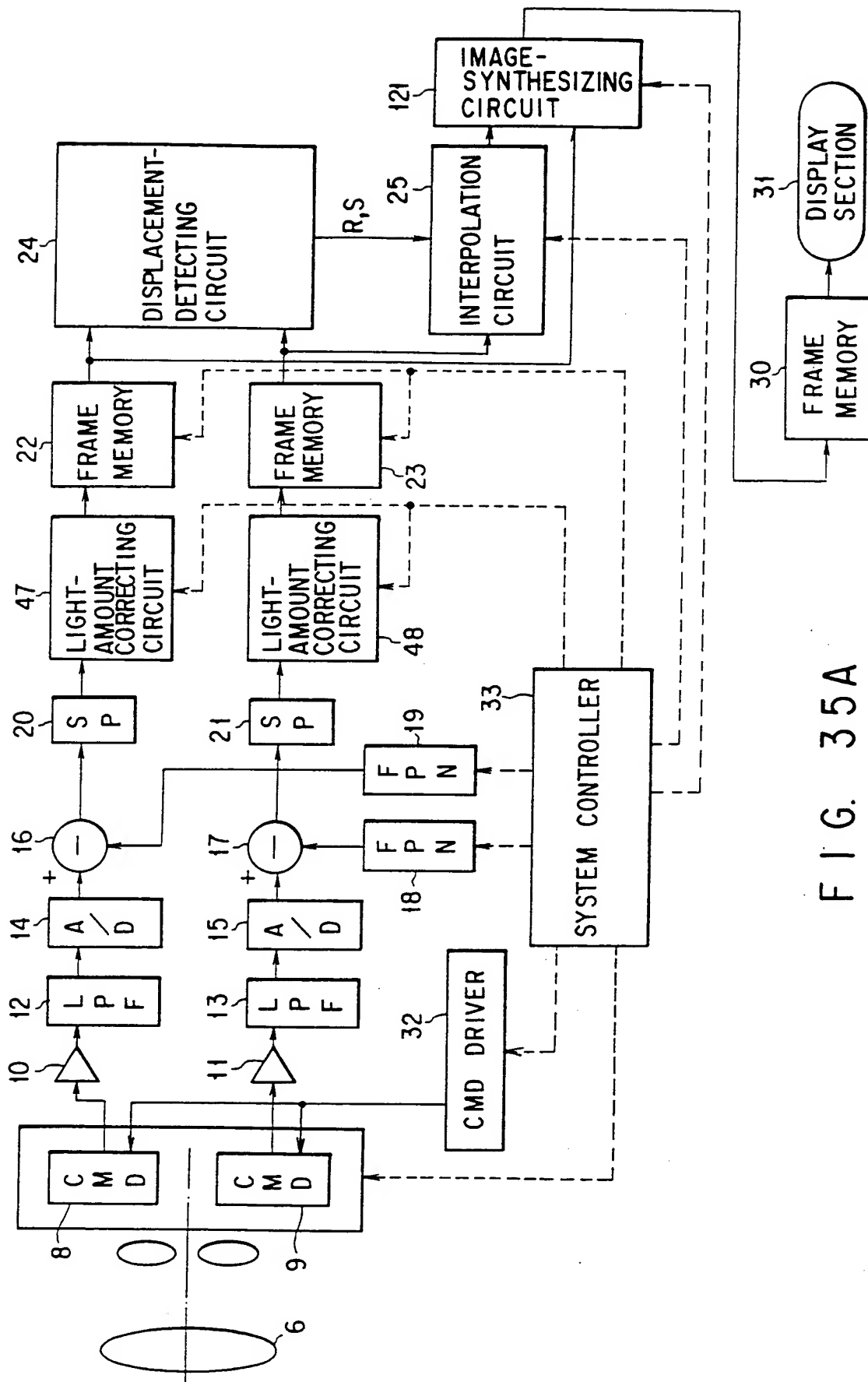


FIG. 35A

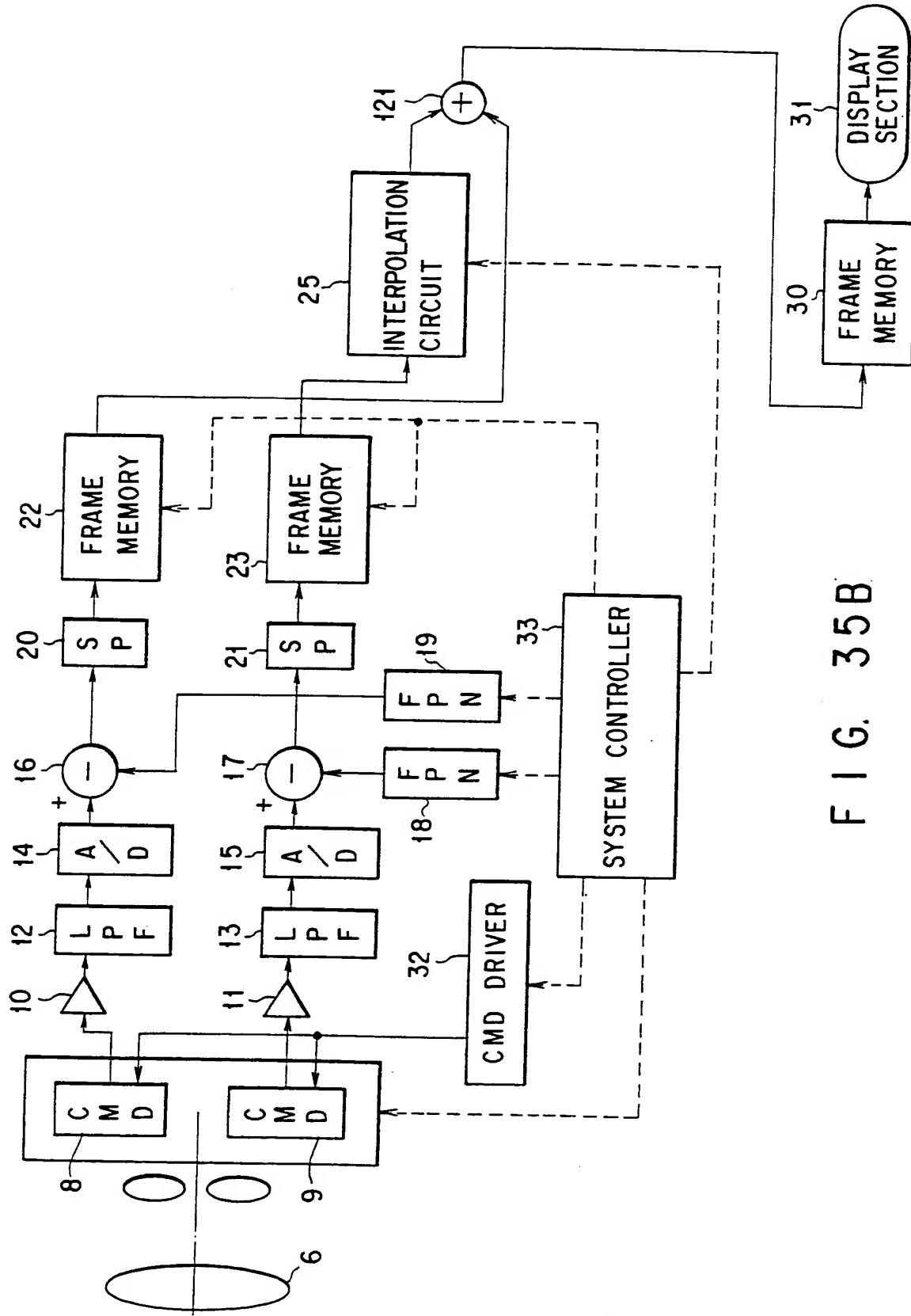
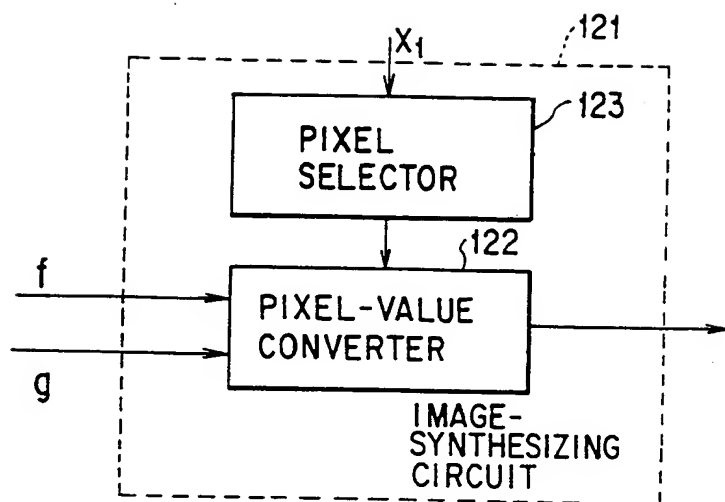
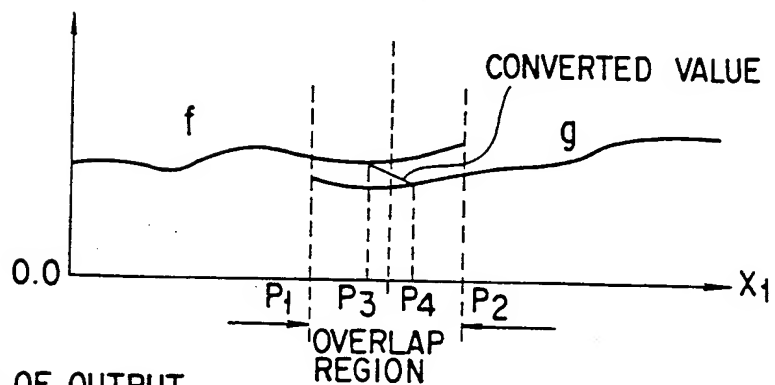


FIG. 35B



F I G. 36



VALUES OF OUTPUT
PIXEL SIGNALS

$$P_3 \geq X_1 : f(X_1)$$

$P_3 < X_1 < P_4$: REGION OF LINEAR INTERPOLATION

$$f(P_3) - (X_1 - P_3) * (f(P_3) - g(P_4)) / (P_4 - P_3)$$

$$P_4 \leq X_1 : g(X_1)$$

F I G. 37

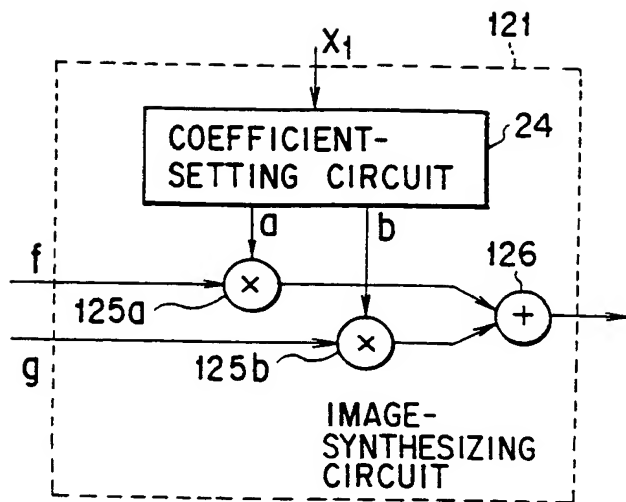
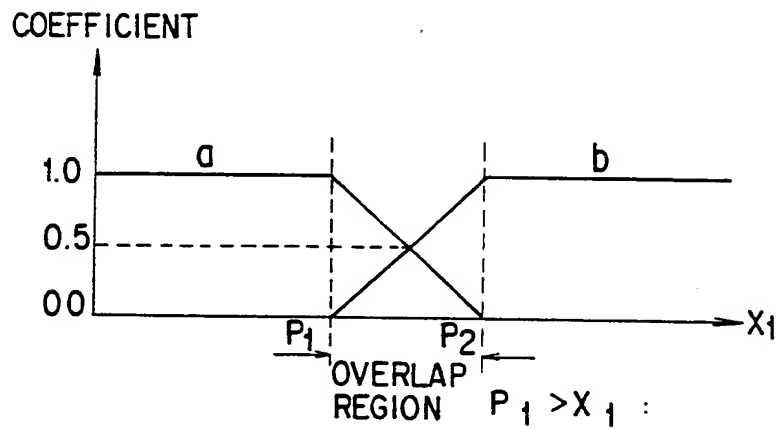


FIG. 38



$$\begin{aligned}
 &P_1 > X_1 : \\
 &\quad a = 1.0 \\
 &\quad b = 0.0 \\
 &P_1 \leq X_1 < P_2 : \\
 &\quad a = (P_2 - X_1) / (P_2 - P_1) \\
 &\quad b = (X_1 - P_1) / (P_2 - P_1) \\
 &P_2 \leq X_1 : \\
 &\quad a = 0.0 \\
 &\quad b = 1.0
 \end{aligned}$$

FIG. 39

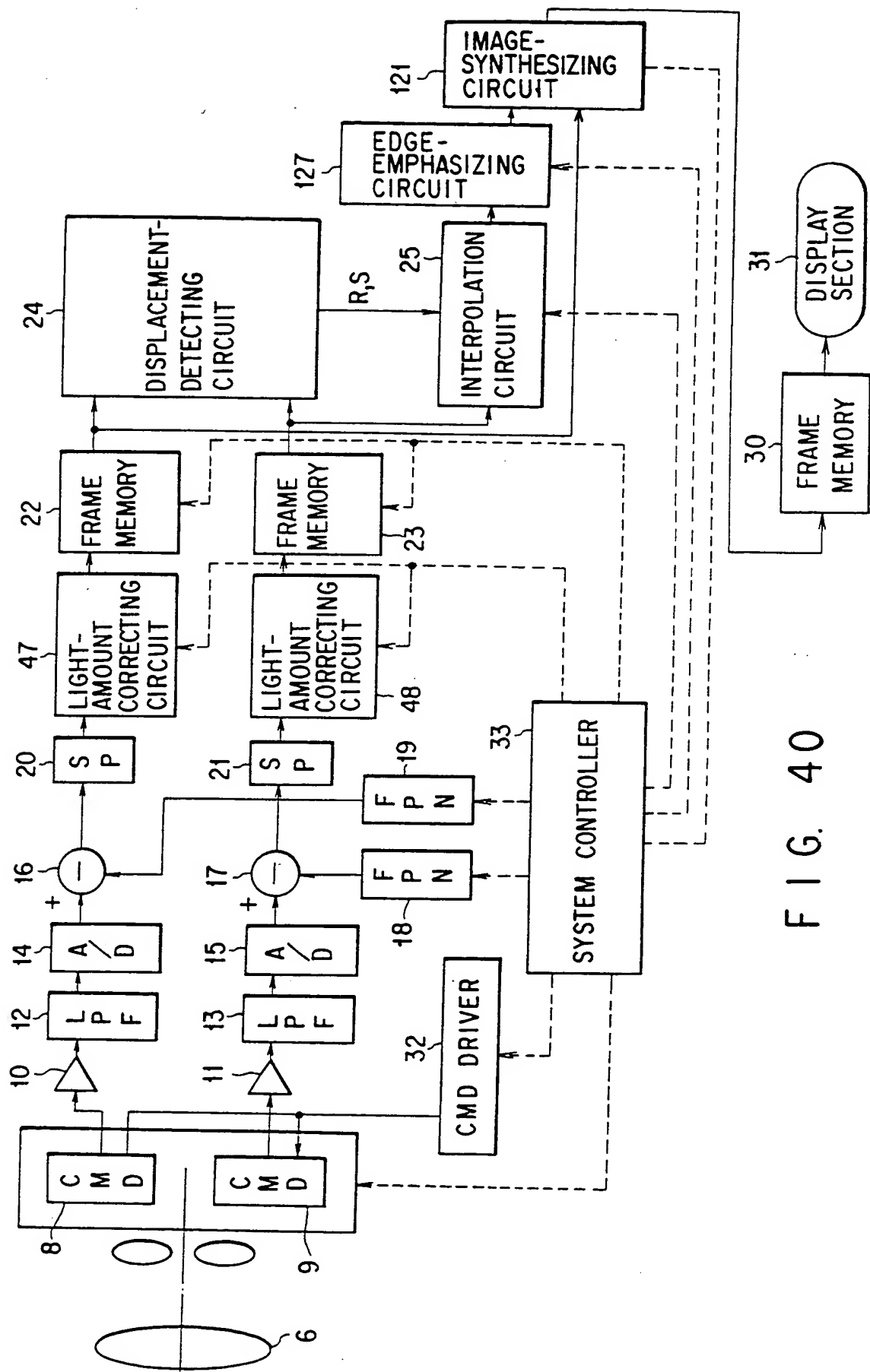


FIG. 40

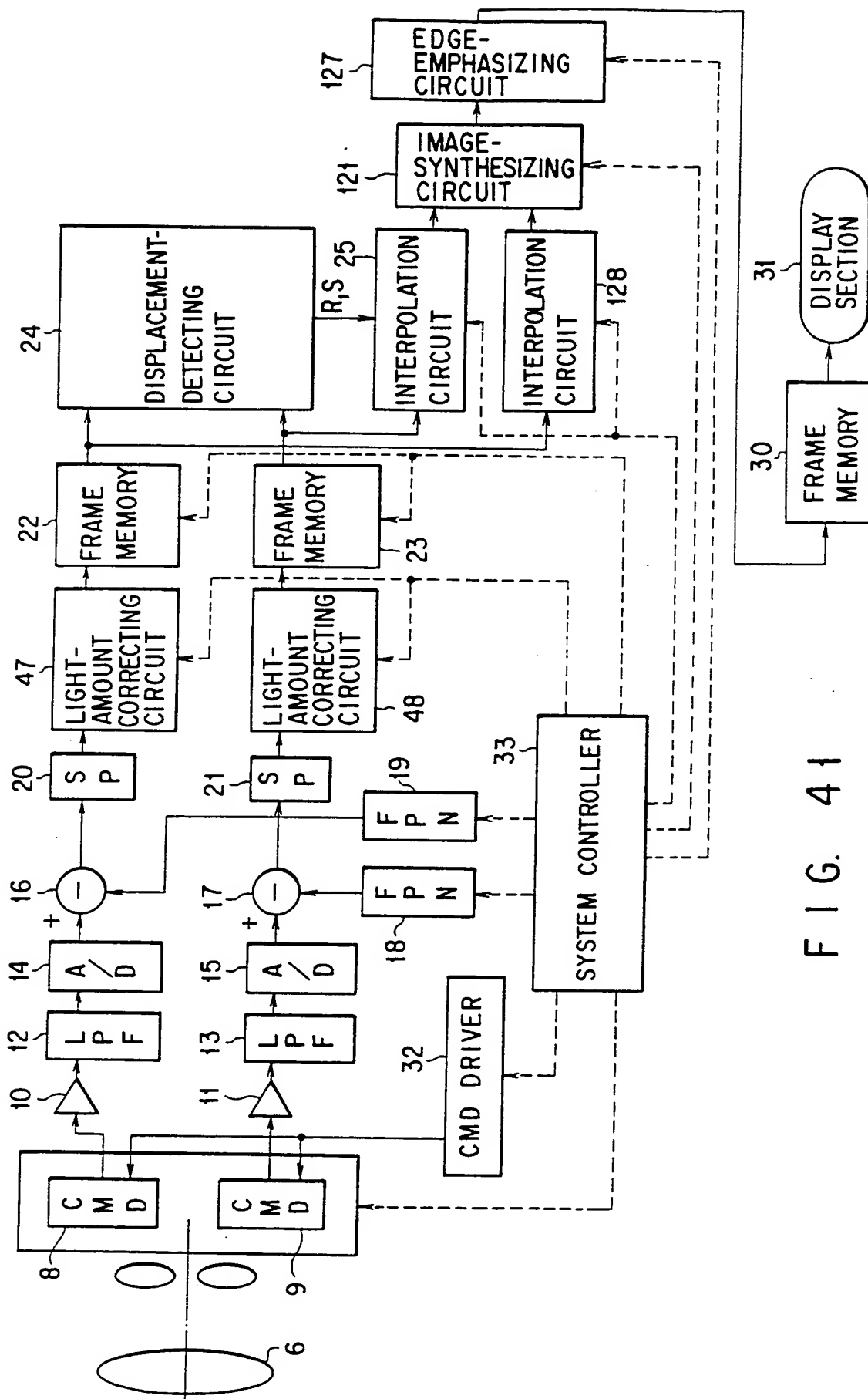


FIG. 41

0	-1	0
-1	5	-1
0	-1	0

FIG. 42A

-1	-1	-1
-1	9	-1
-1	-1	-1

FIG. 42B

1	-2	1
-2	5	-2
1	-2	1

FIG. 42C

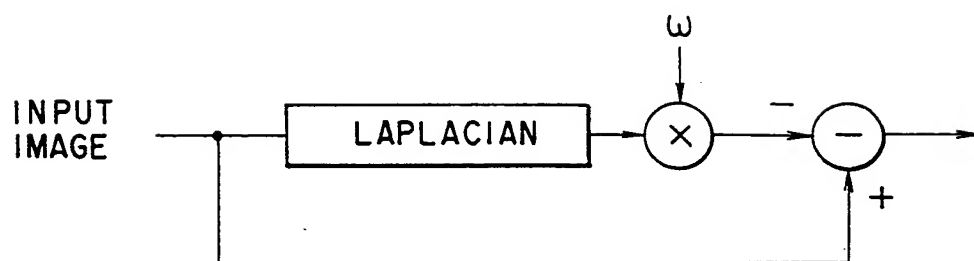


FIG. 42D

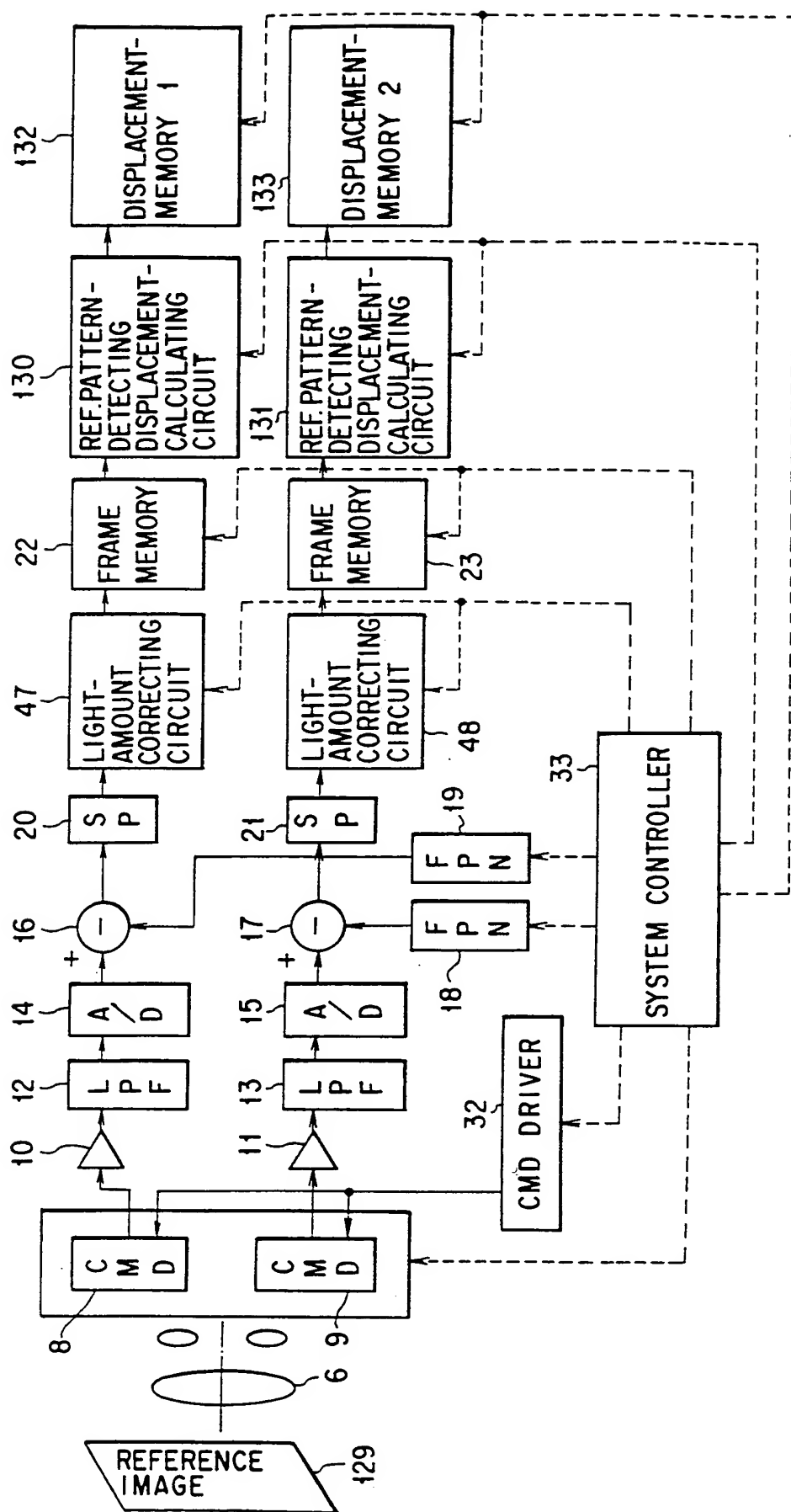


FIG. 43

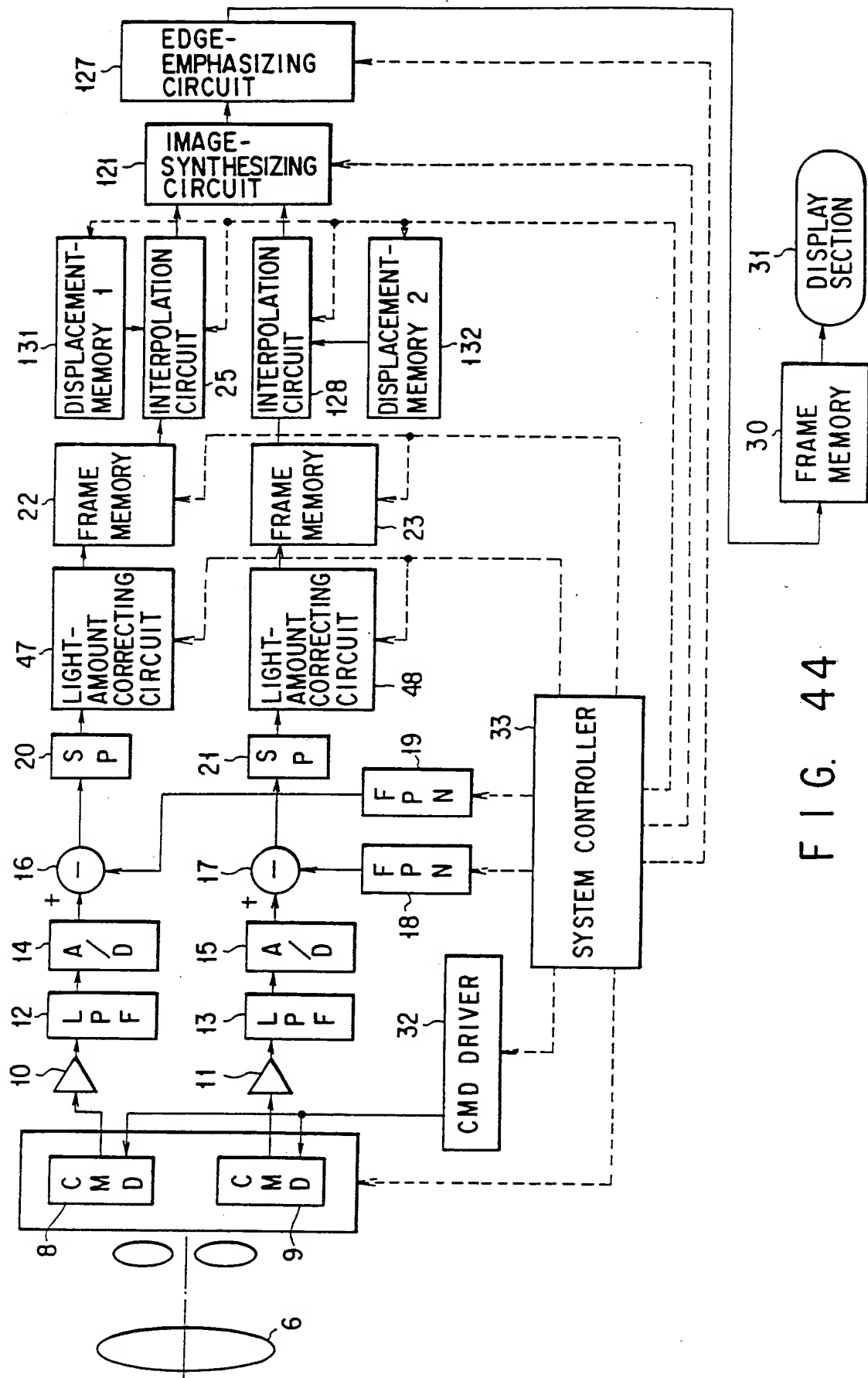


FIG. 44

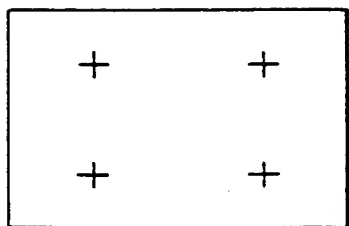


FIG. 45A

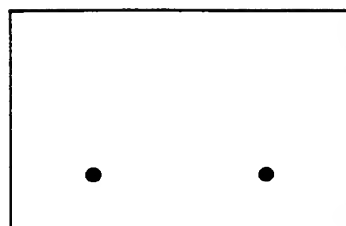


FIG. 45B

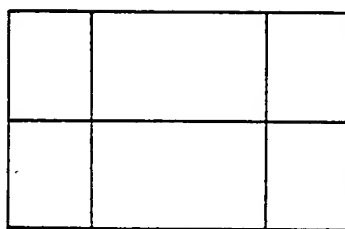


FIG. 45C

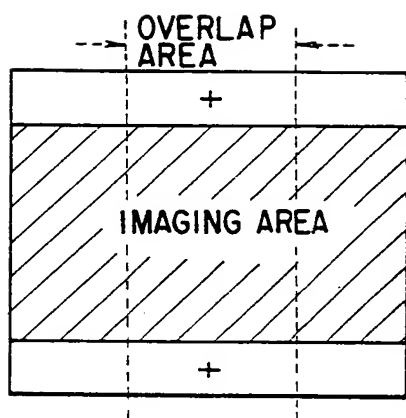


FIG. 46A

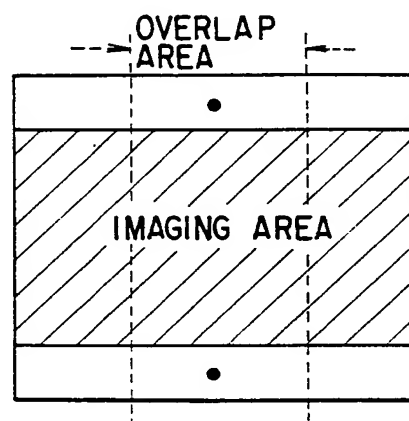


FIG. 46B

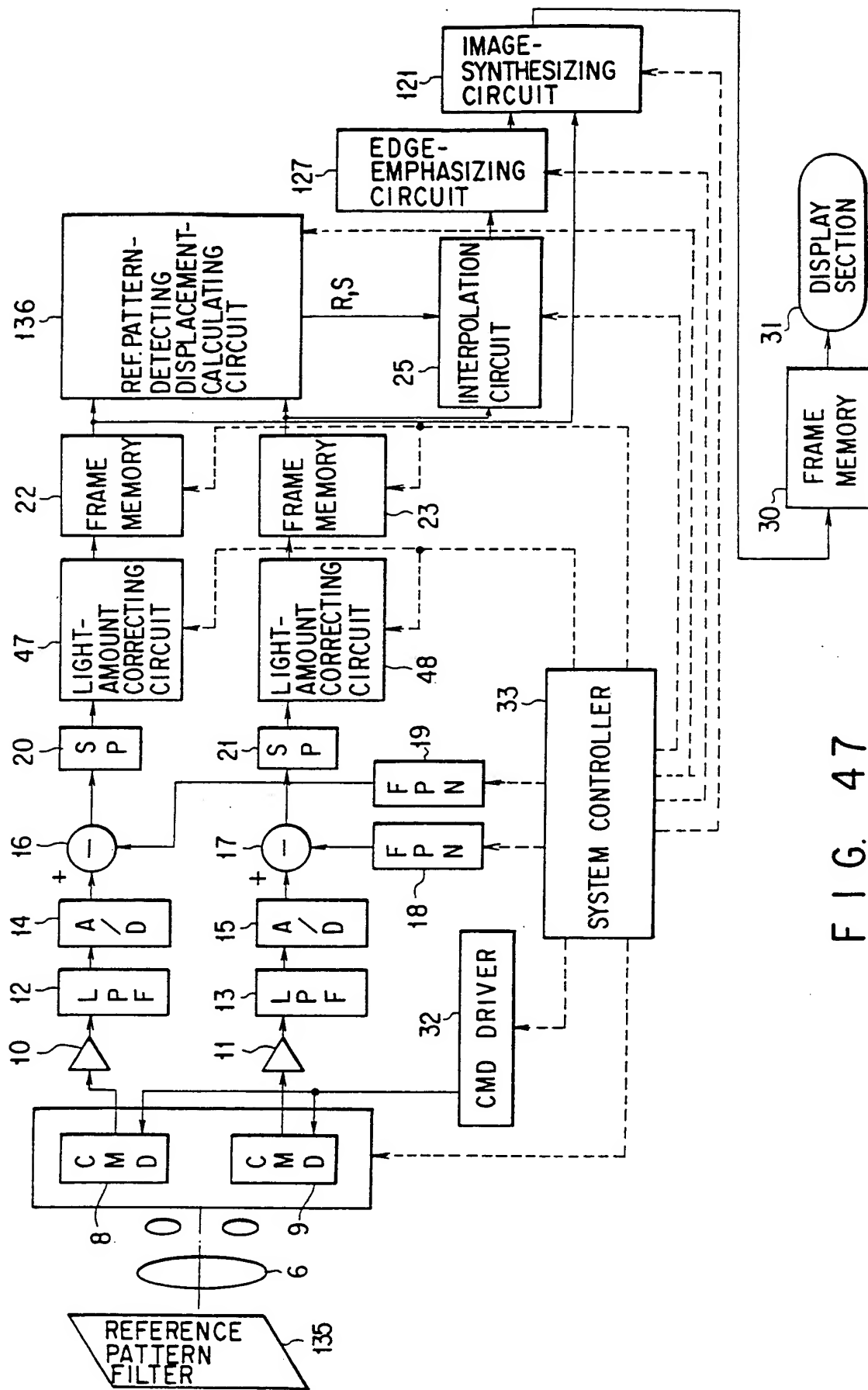


FIG. 47

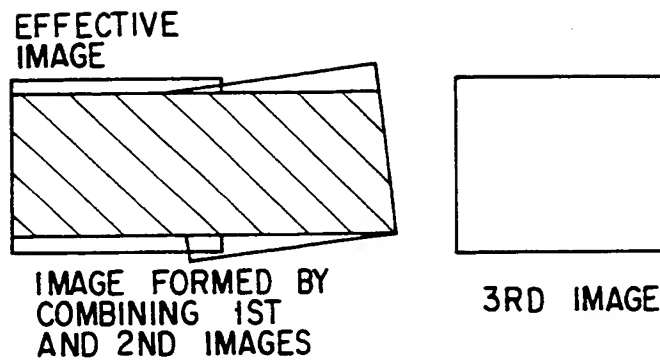


FIG. 48A

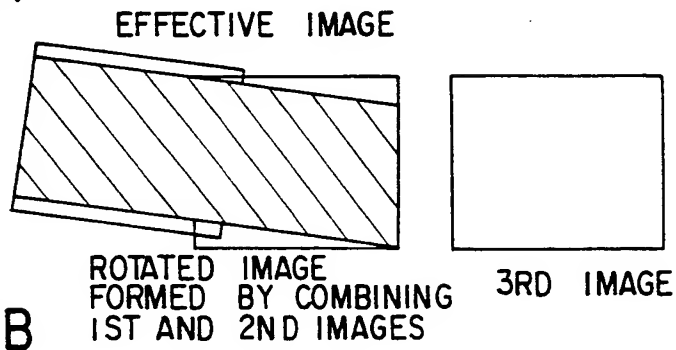


FIG. 48B

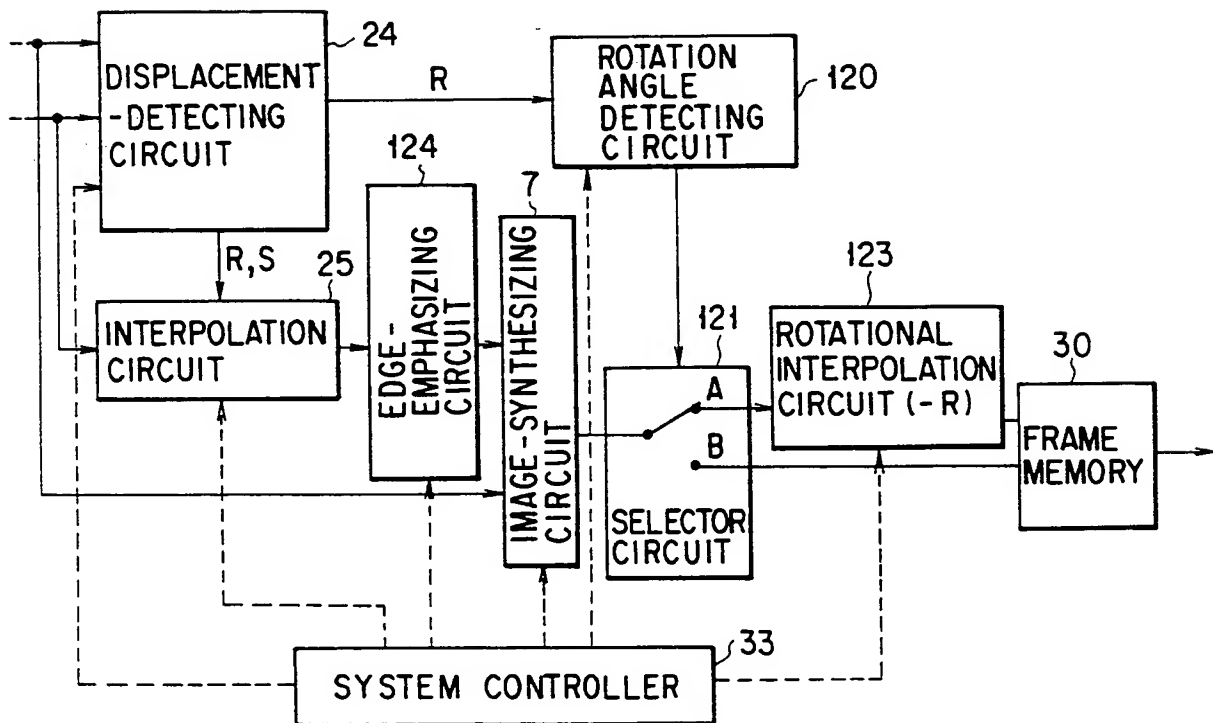
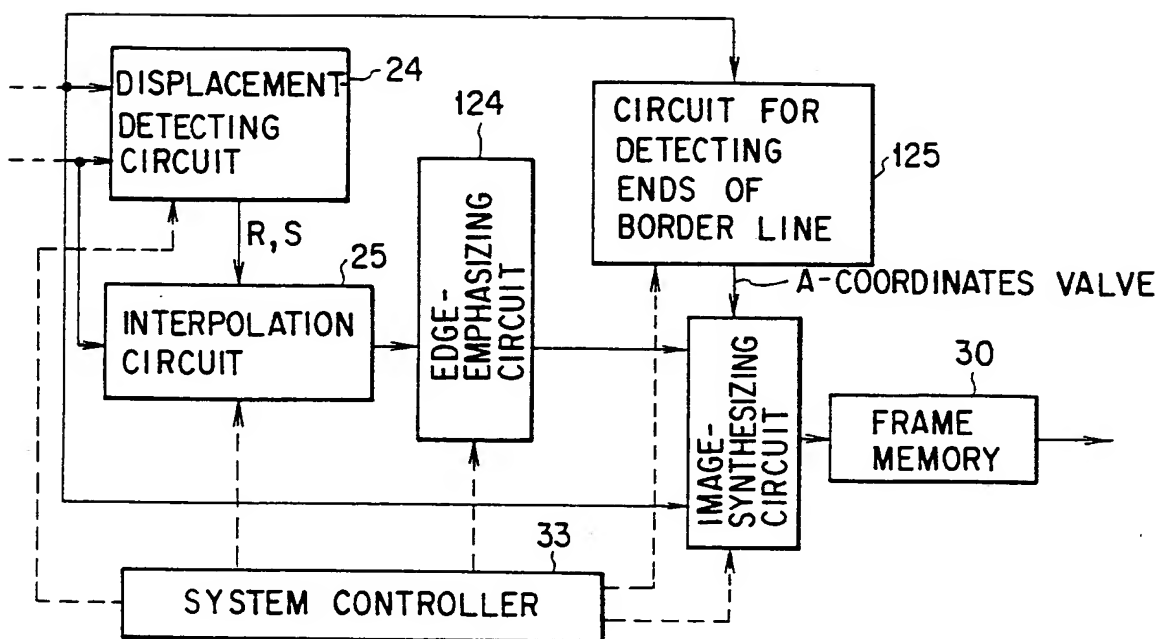
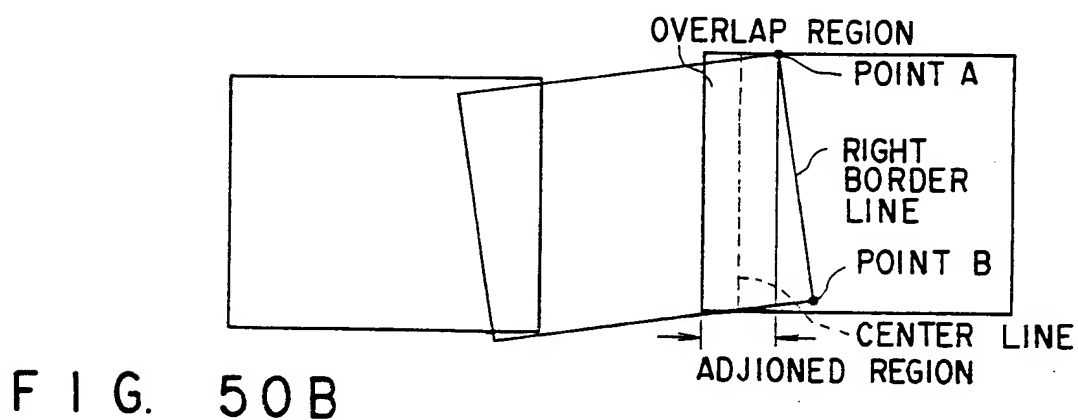
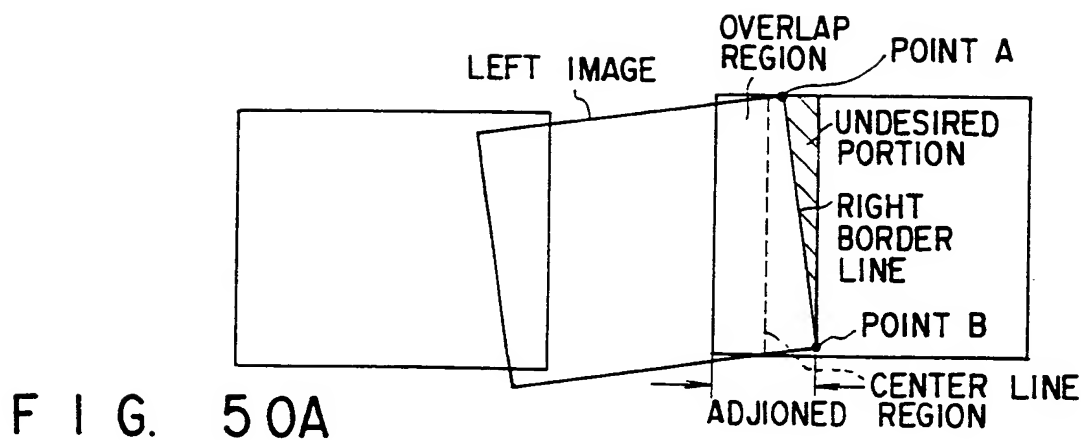


FIG. 49



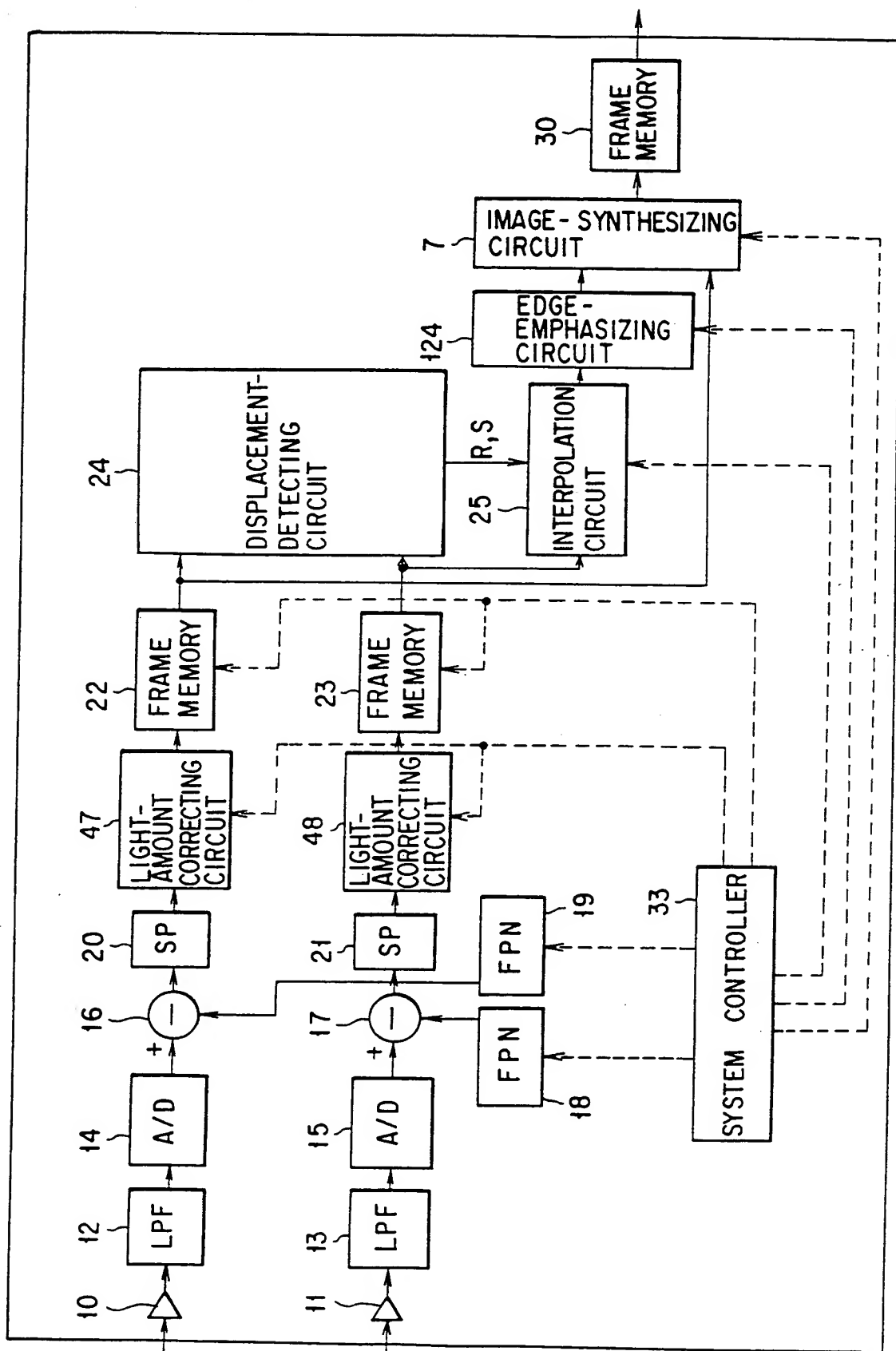


FIG. 52

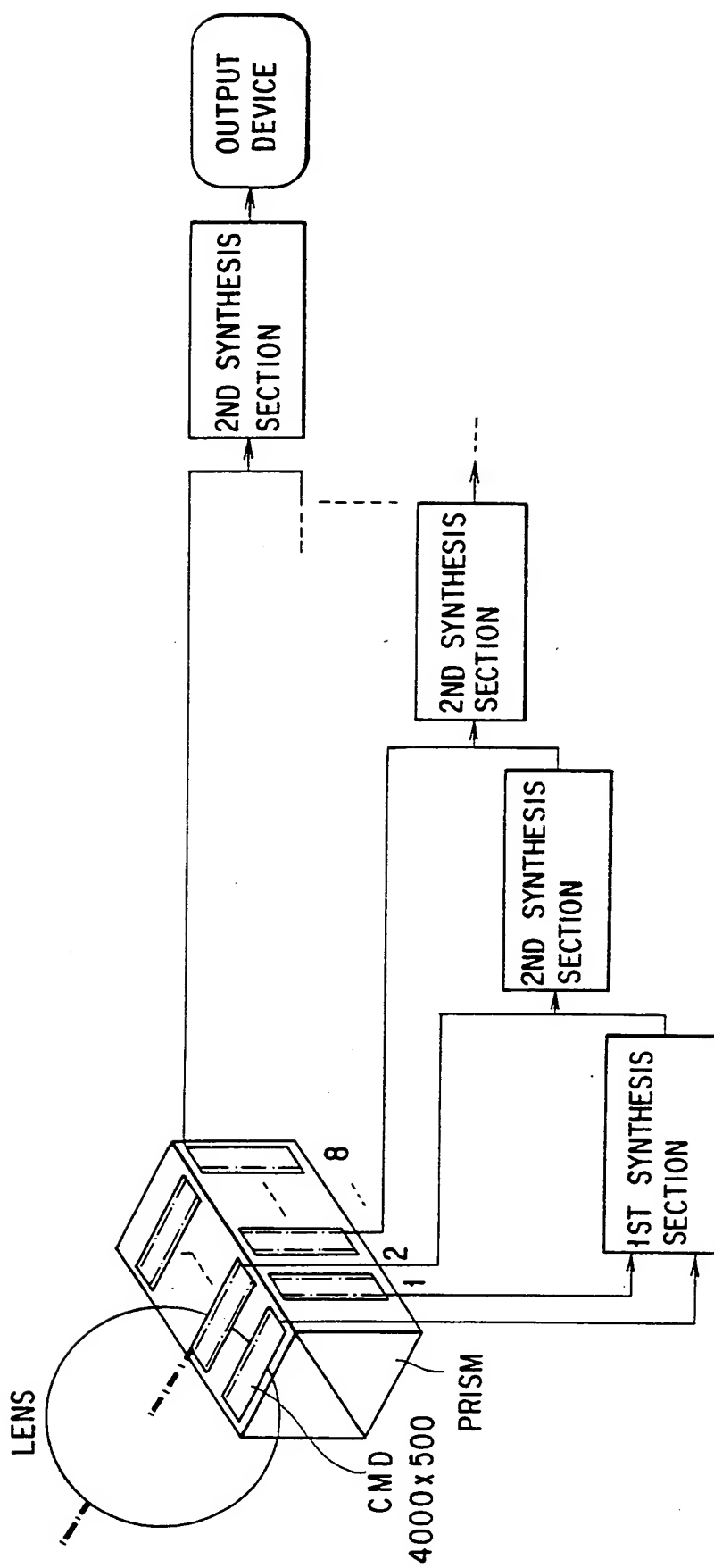


FIG. 53

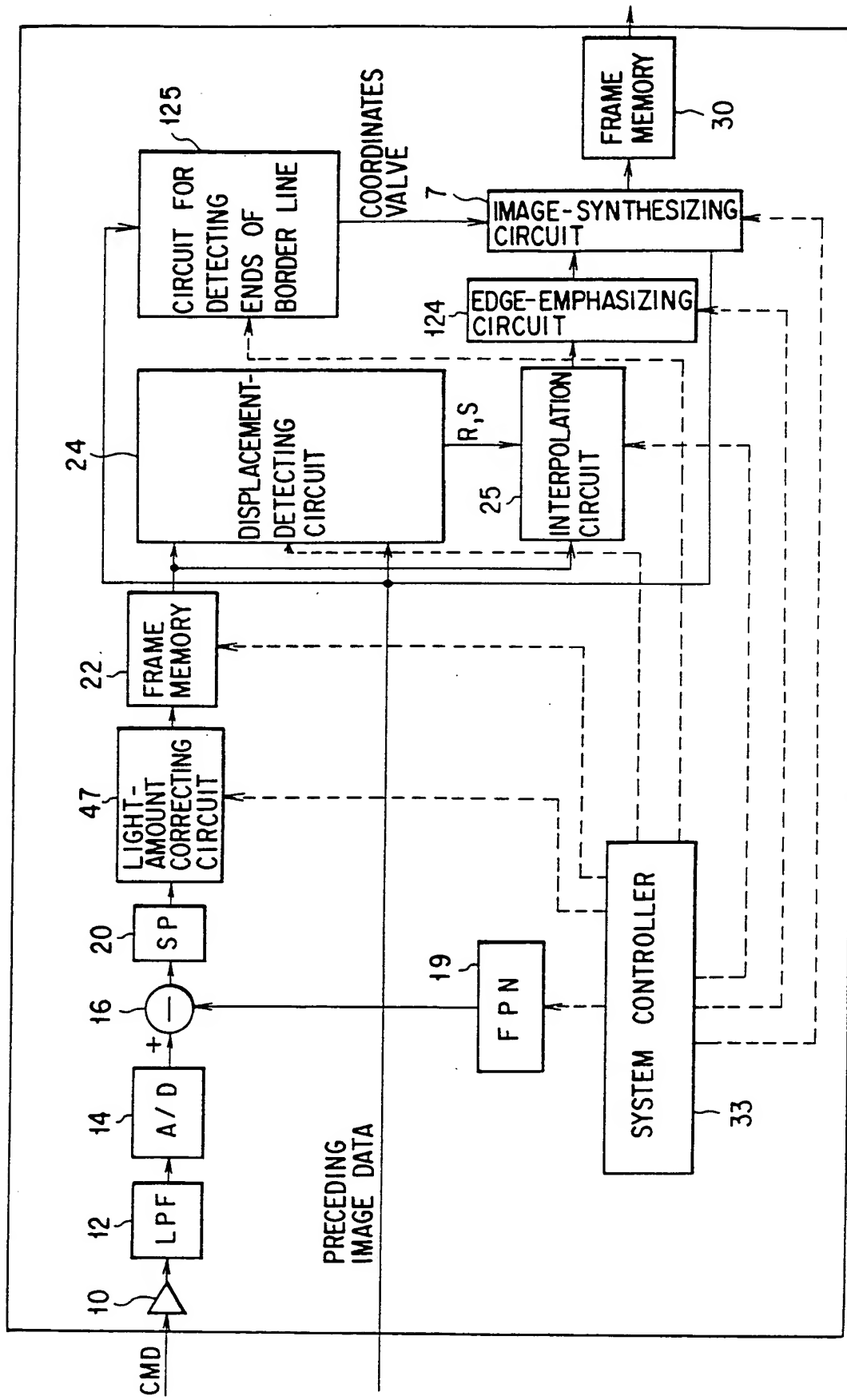


FIG. 54

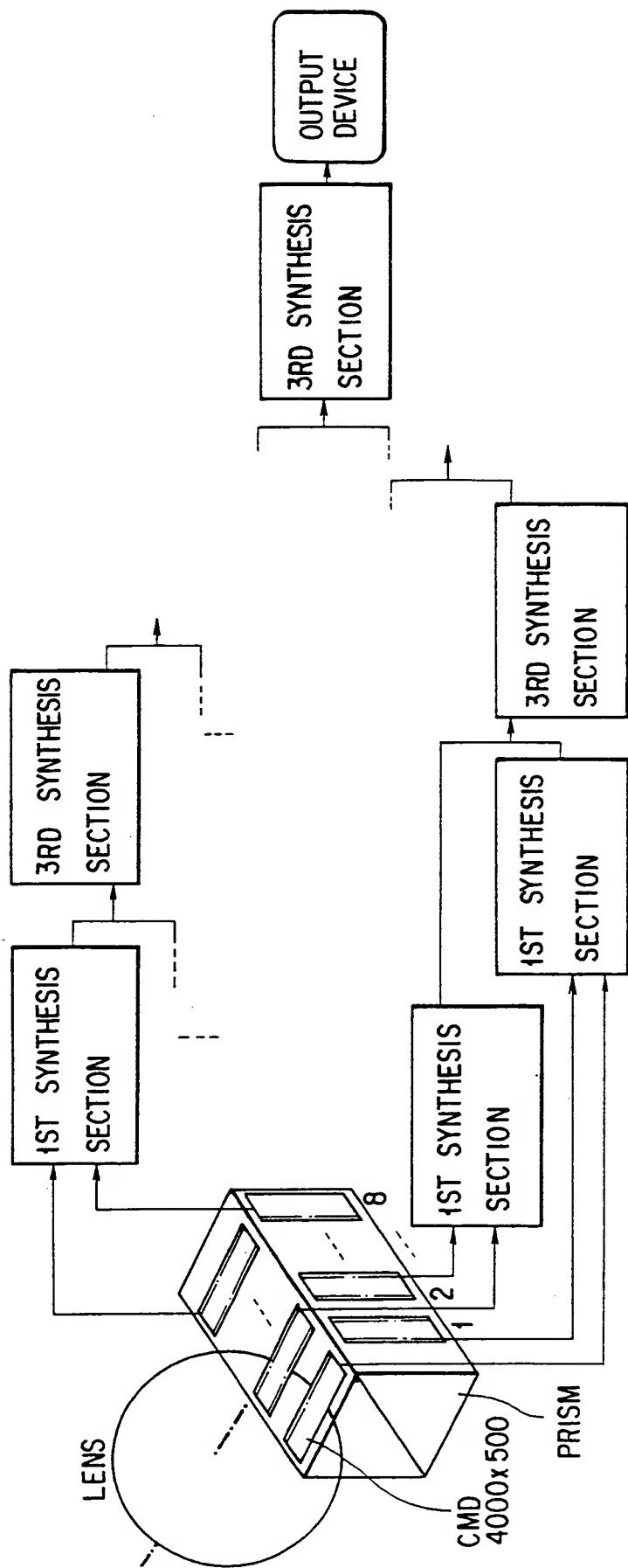


FIG. 55

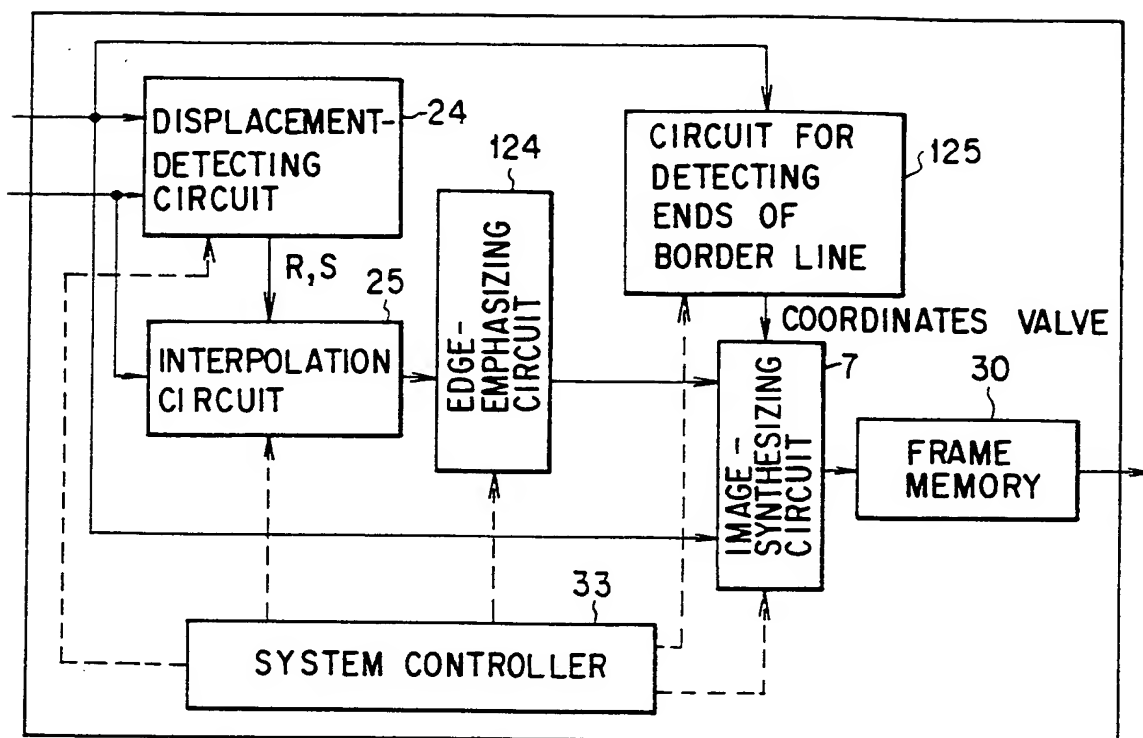


FIG. 56

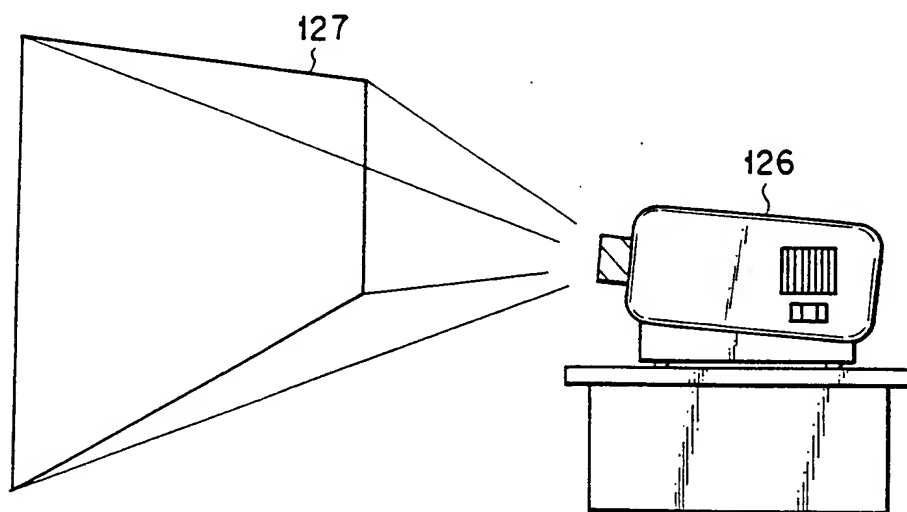


FIG. 57

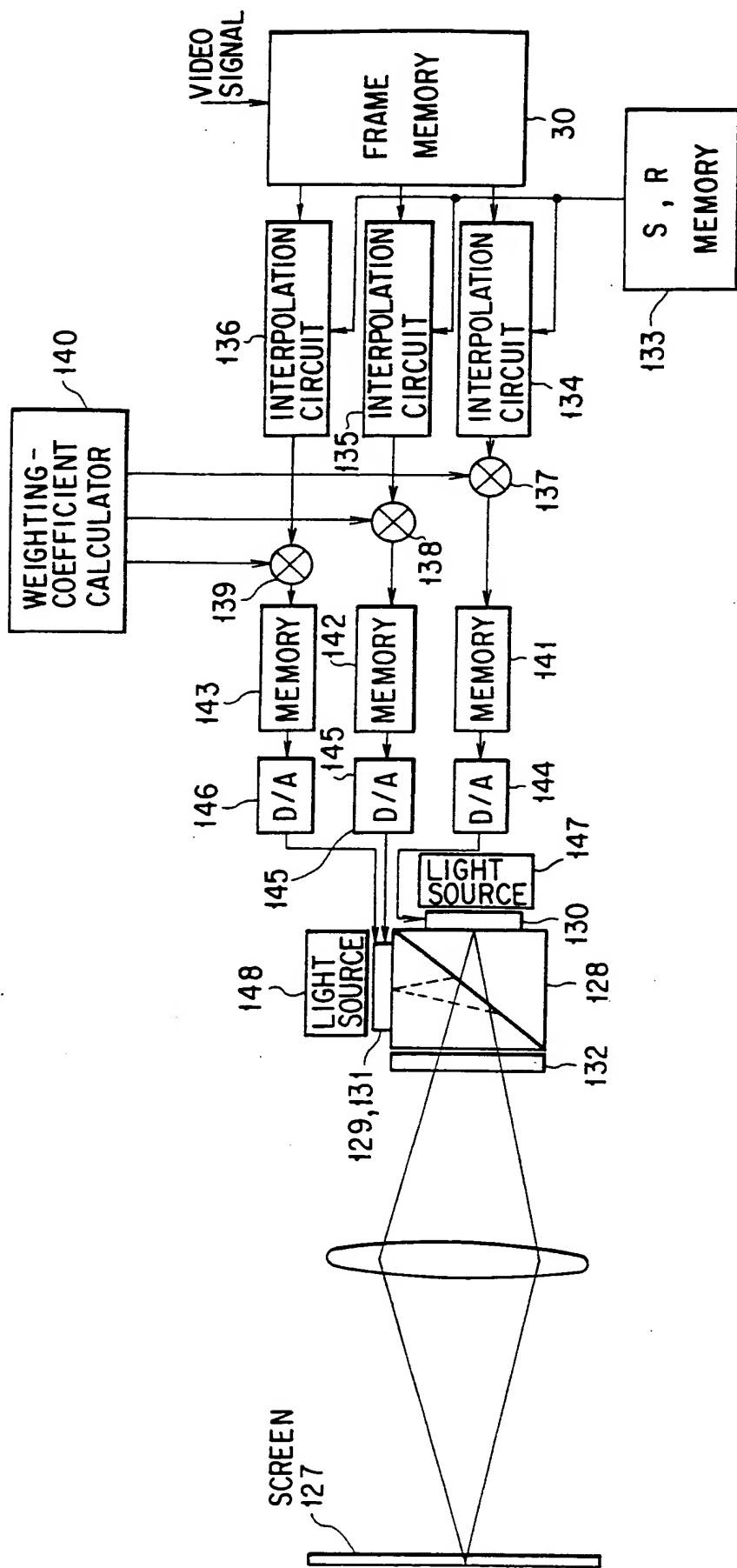


FIG. 58

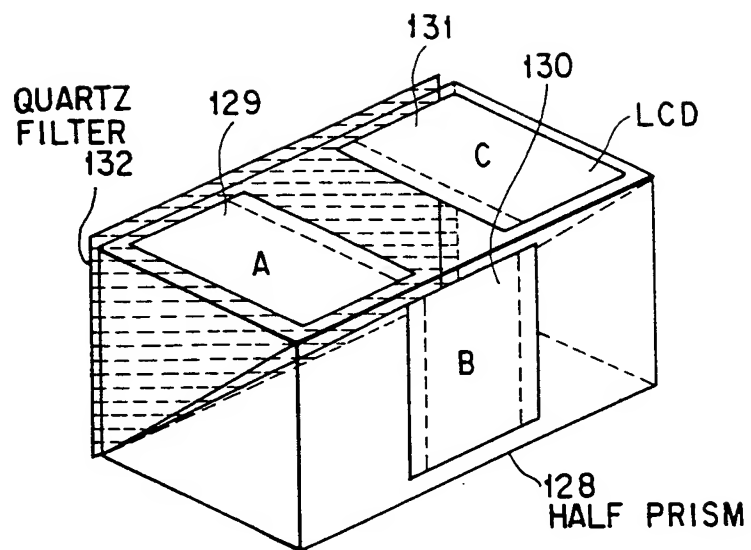
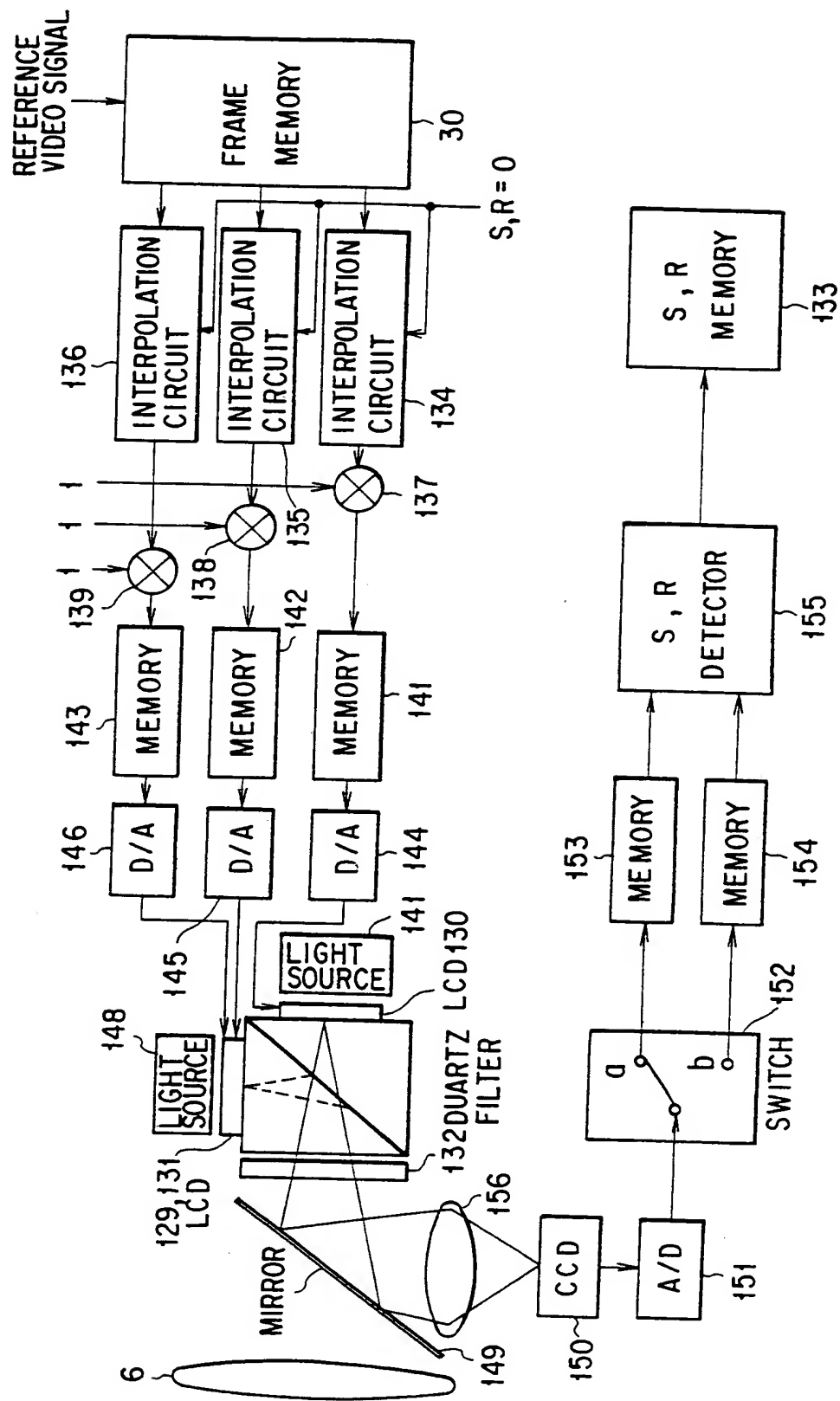


FIG. 59



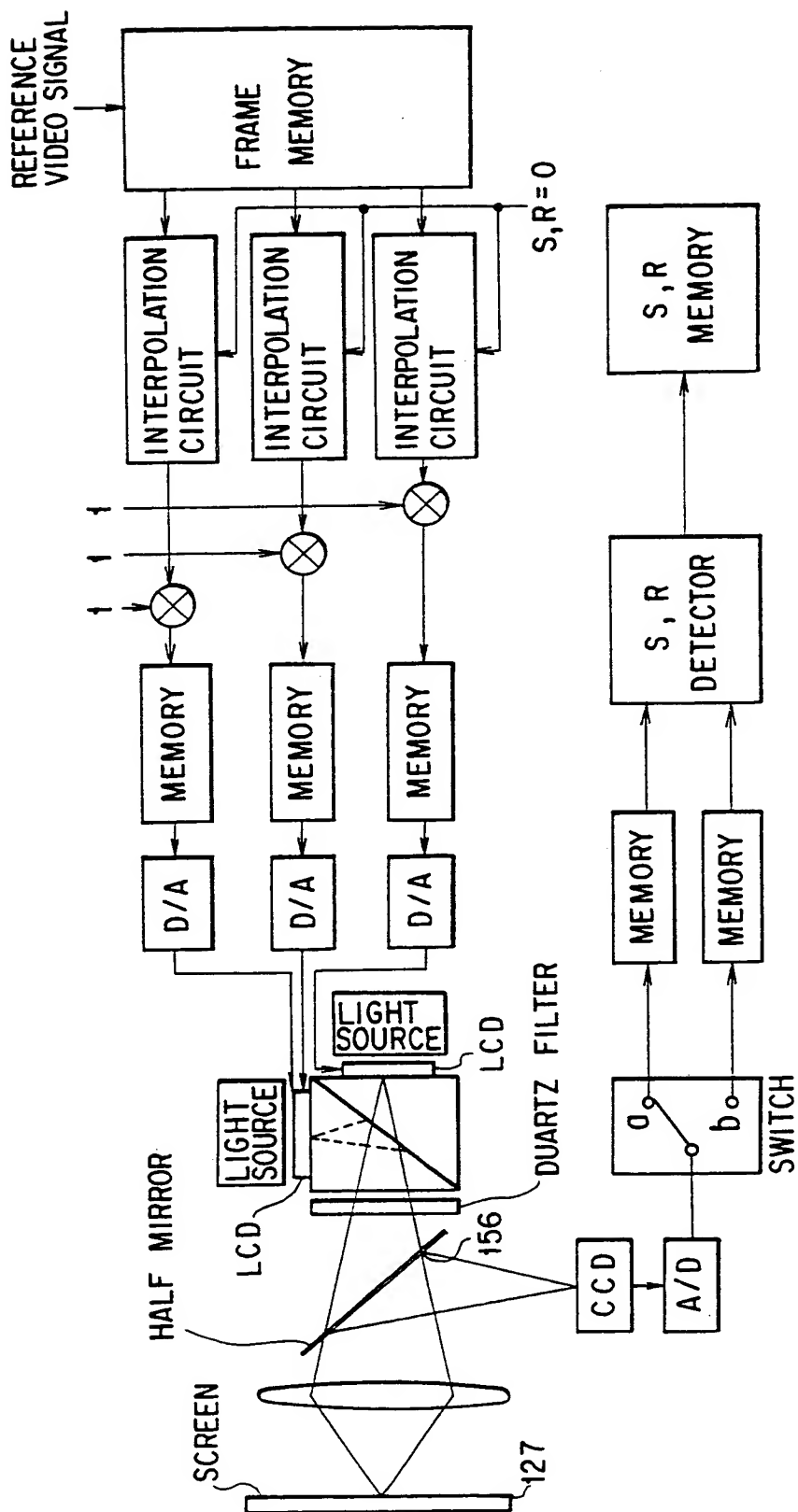


FIG. 61

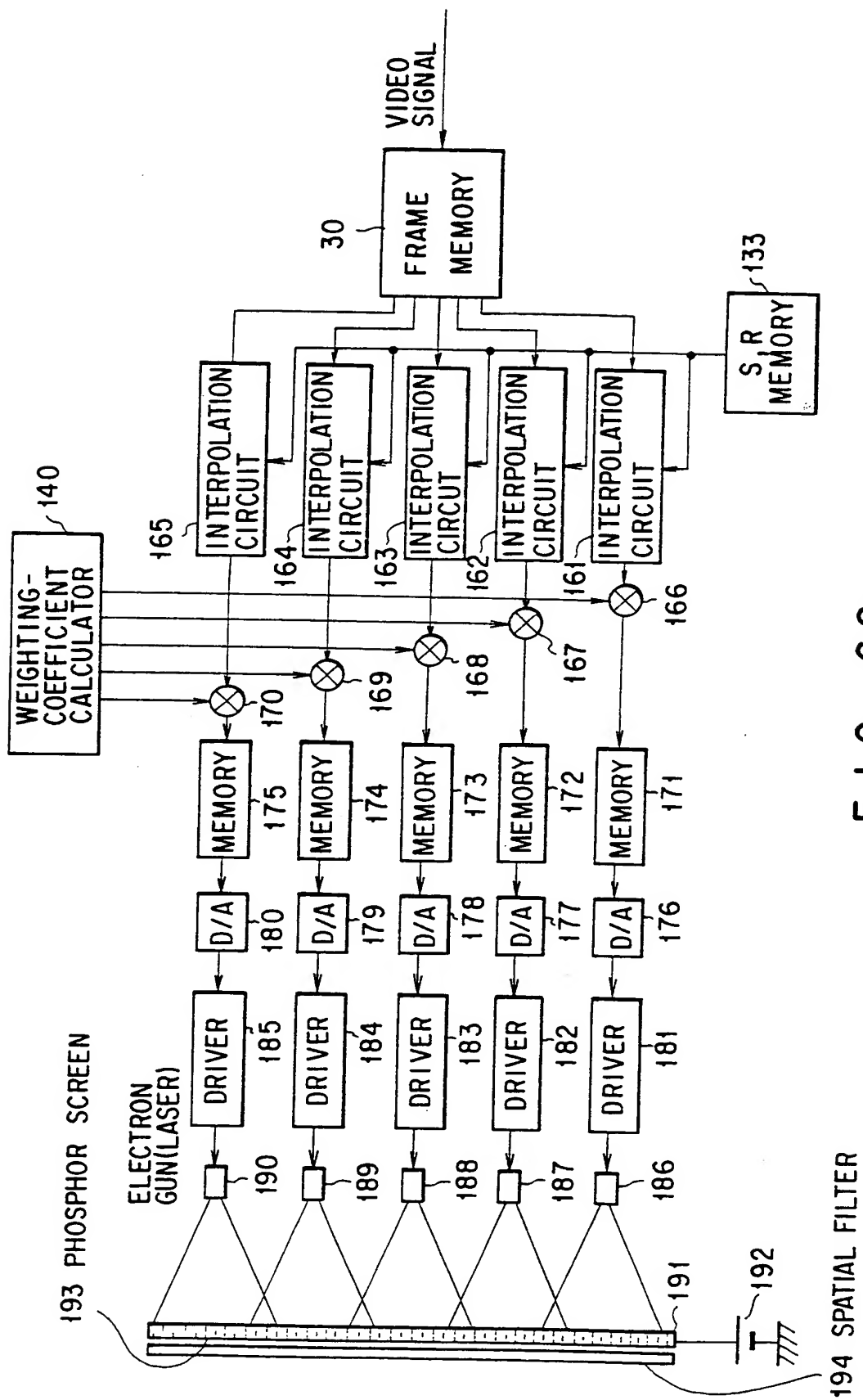


FIG. 62

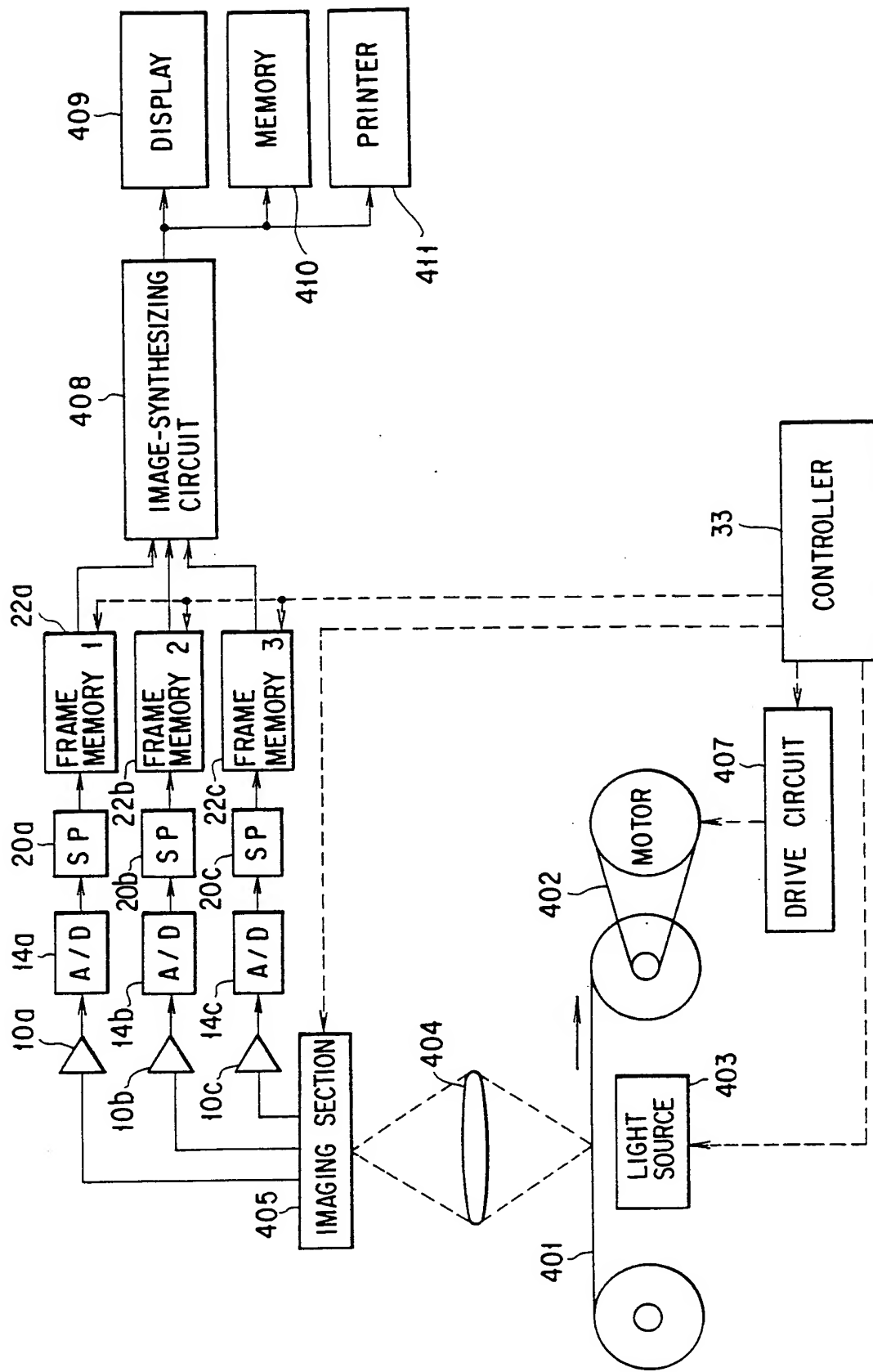


FIG. 63

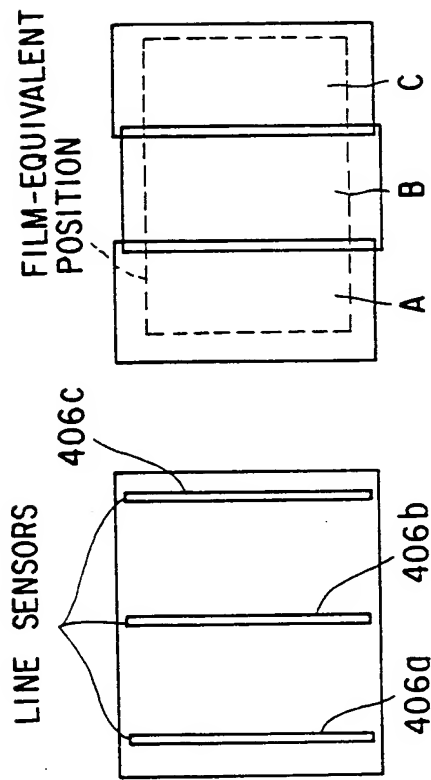


FIG. 64A

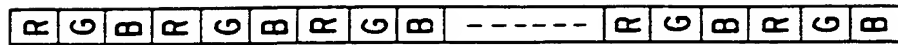


FIG. 64B

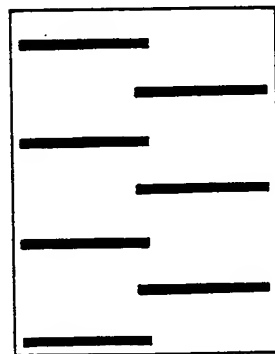


FIG. 64C

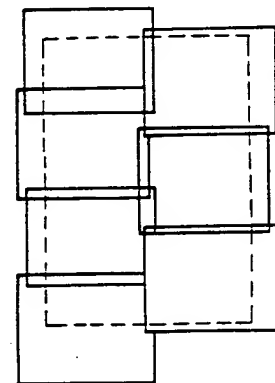


FIG. 64D

FIG. 64E

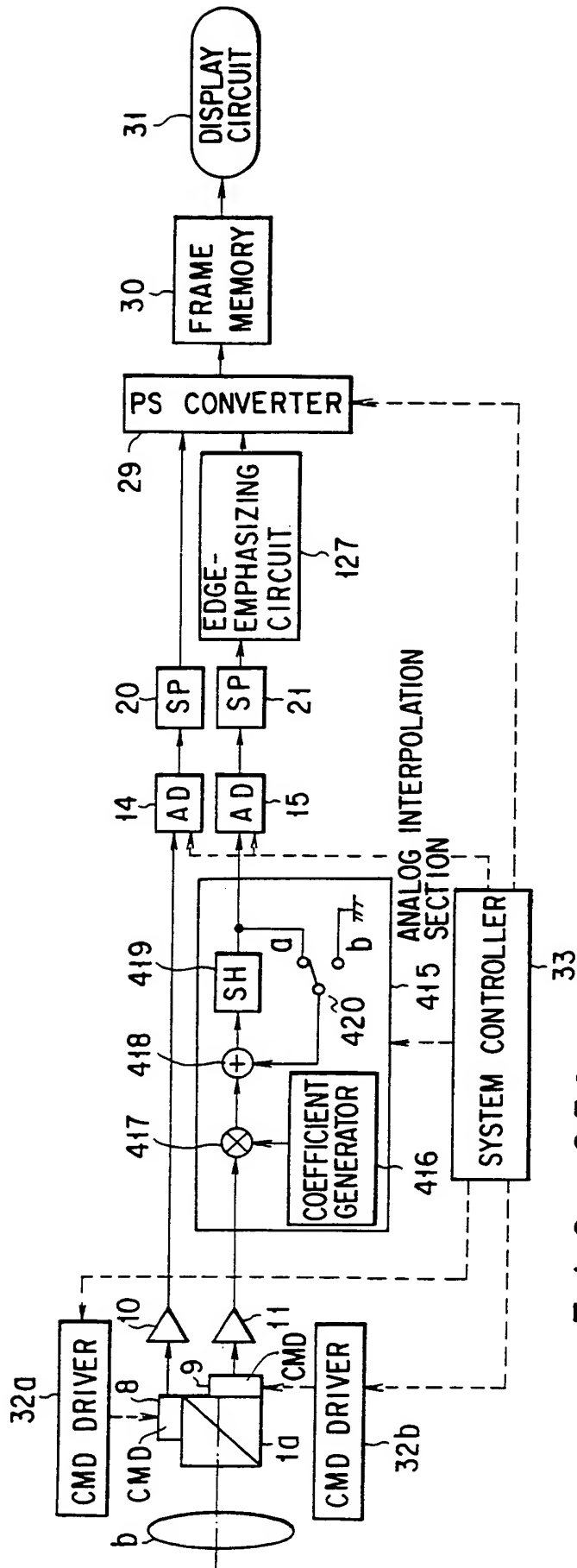


FIG. 65A

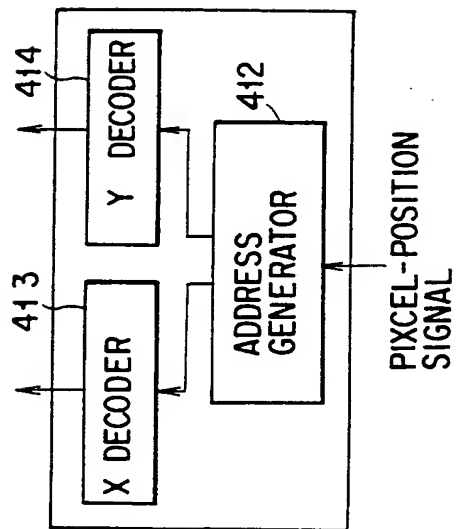


FIG. 65B

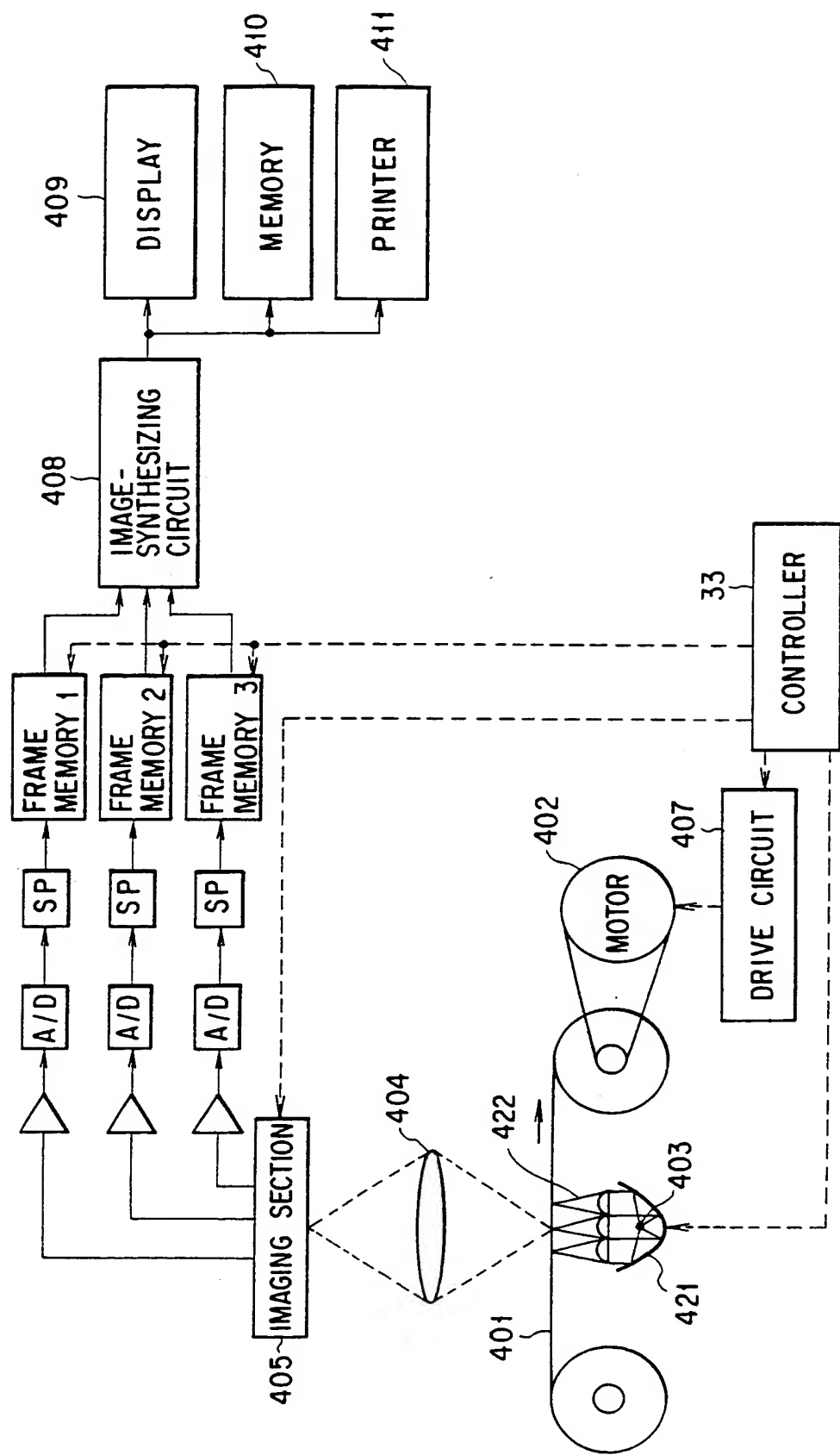


FIG. 66

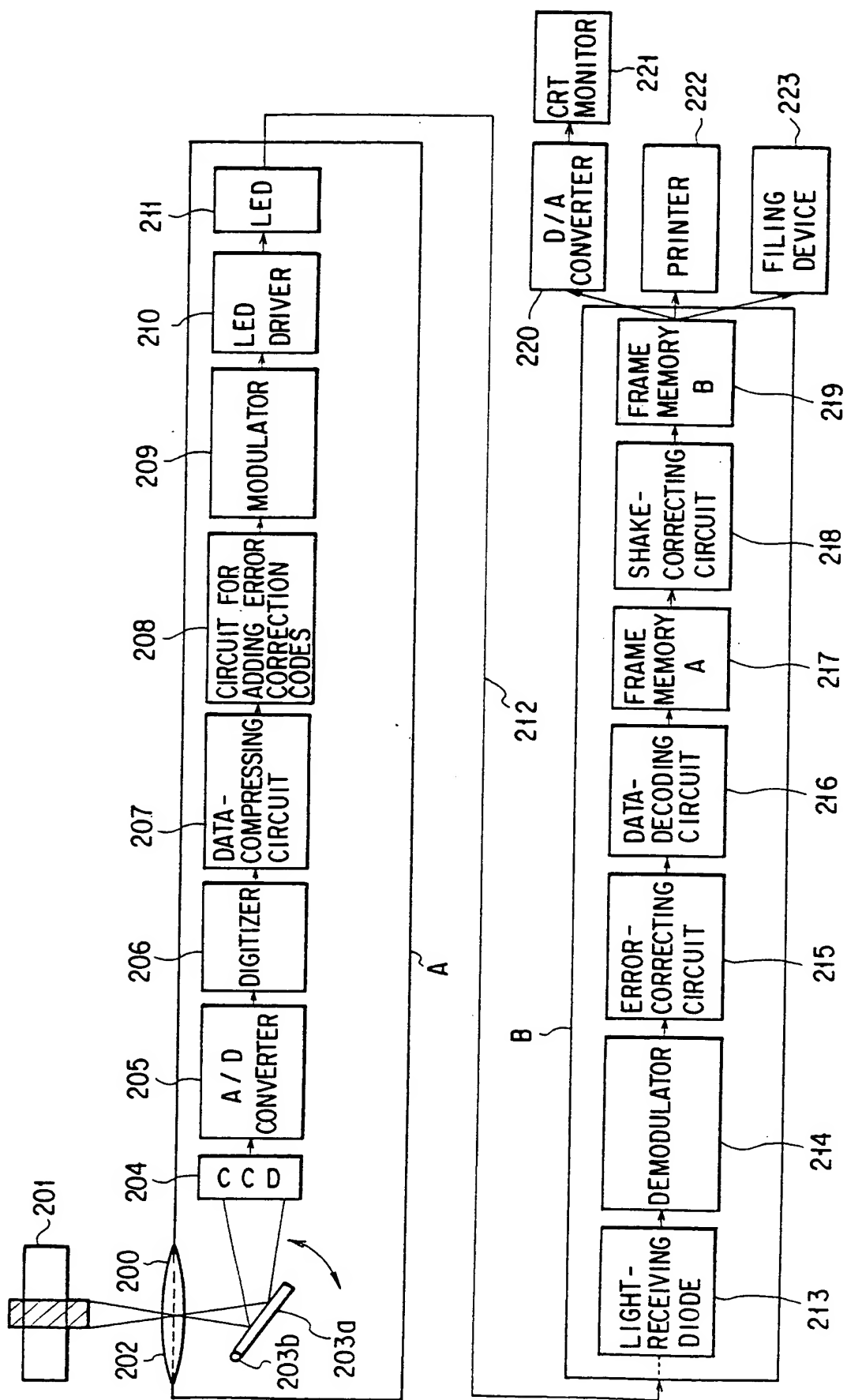


FIG. 67

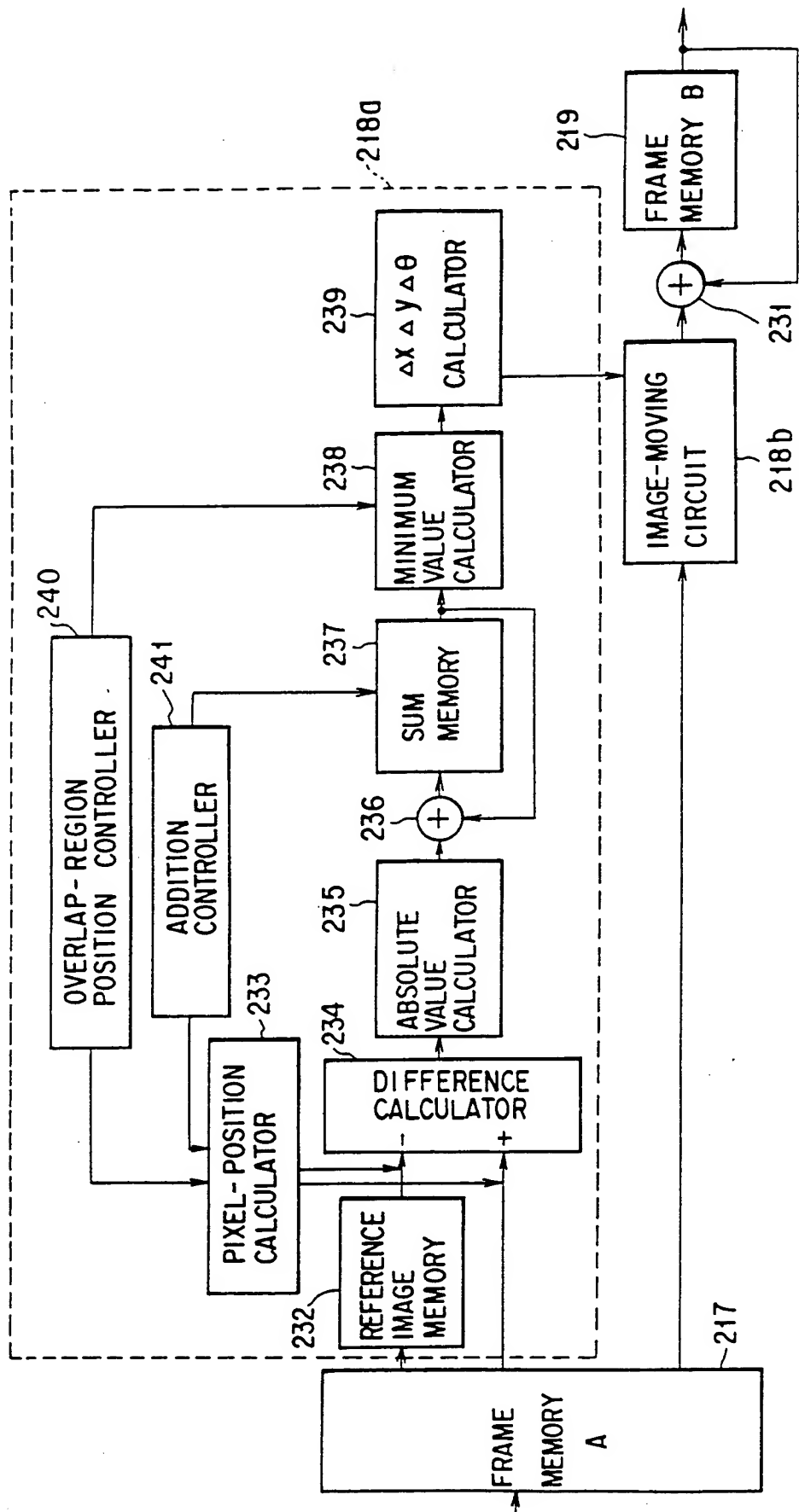


FIG. 68

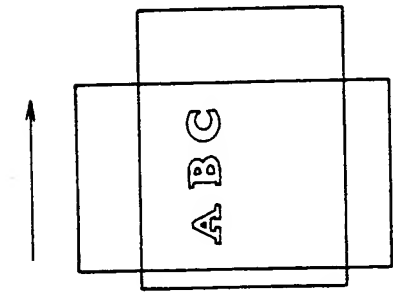


FIG. 69A

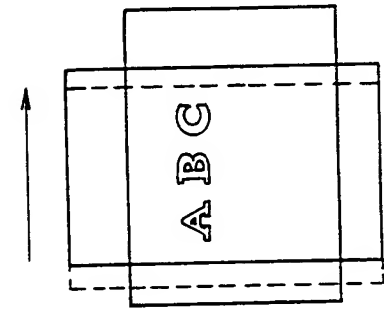


FIG. 69B

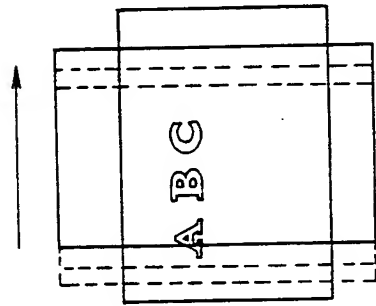


FIG. 69C

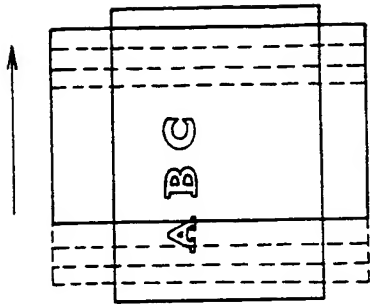


FIG. 69D

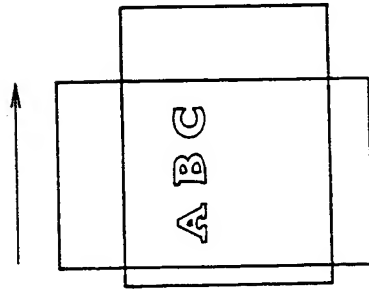


FIG. 70A

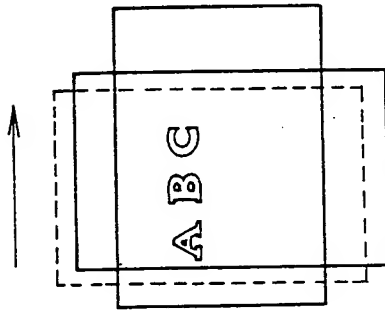


FIG. 70B

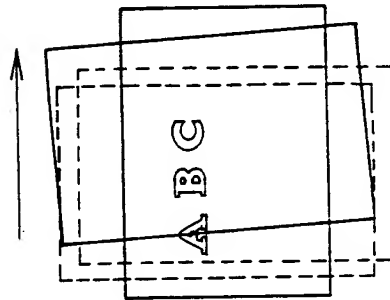


FIG. 70C

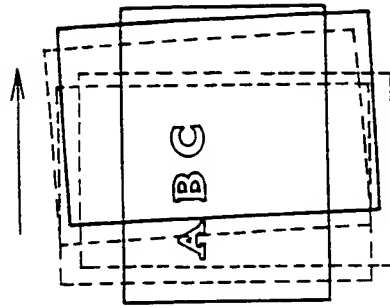


FIG. 70D

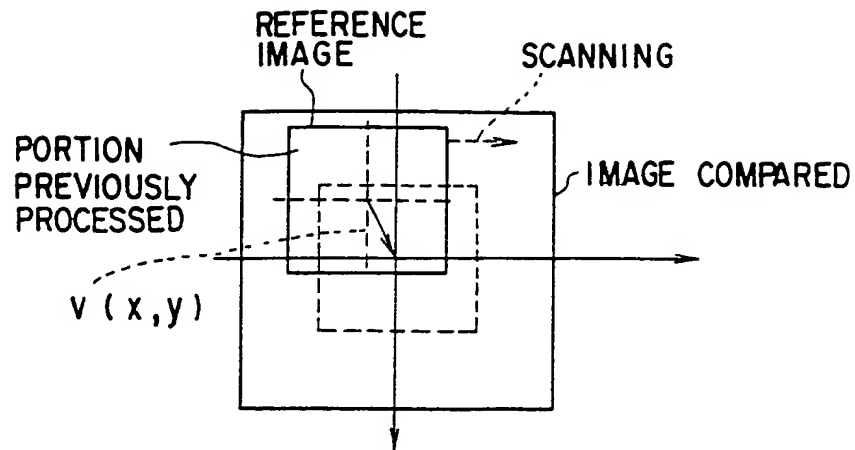


FIG. 71

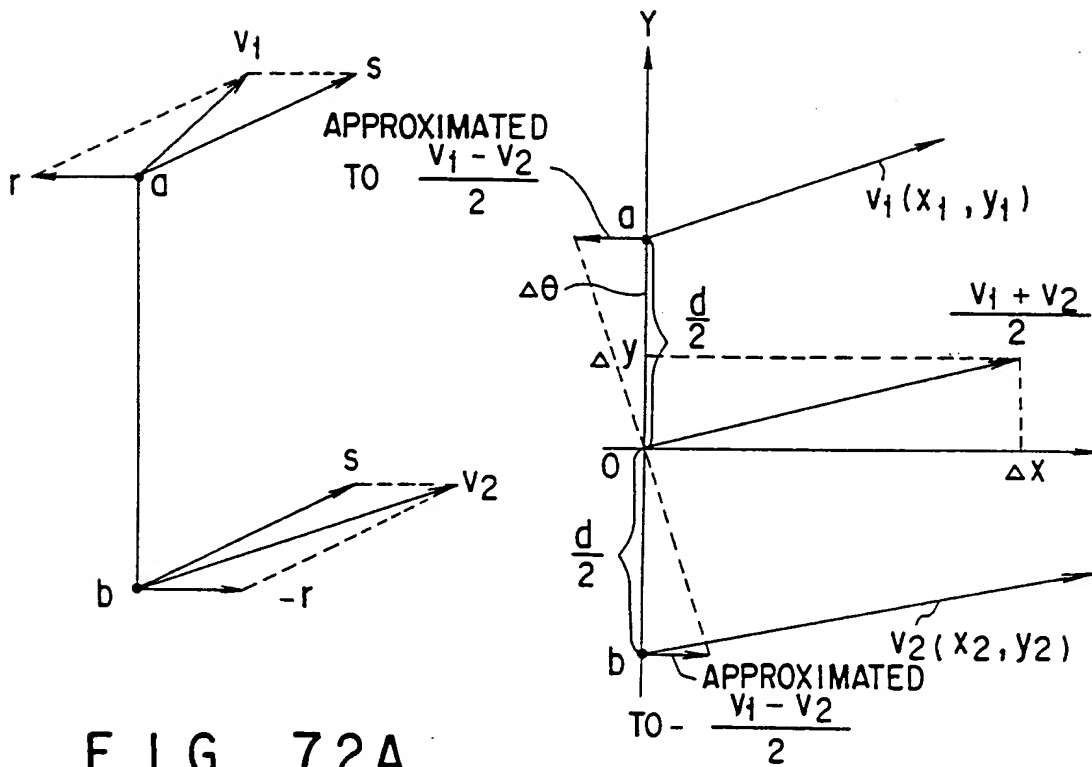
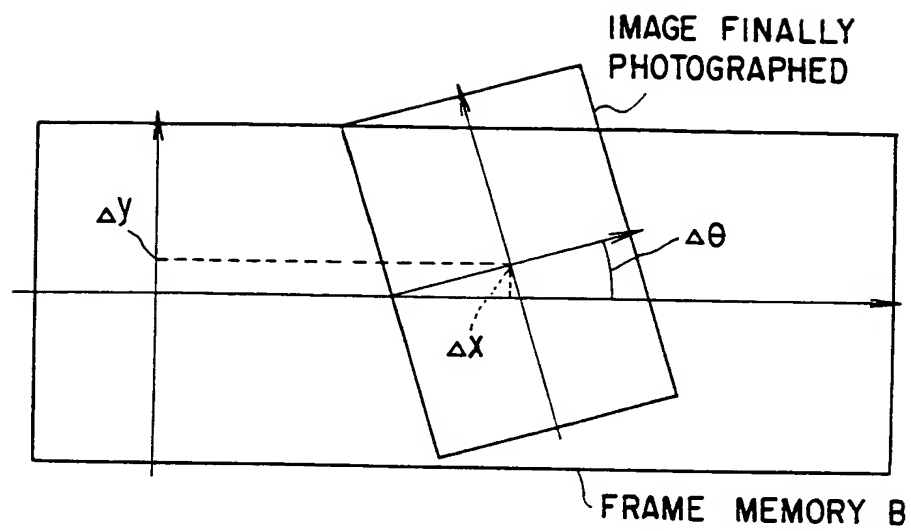
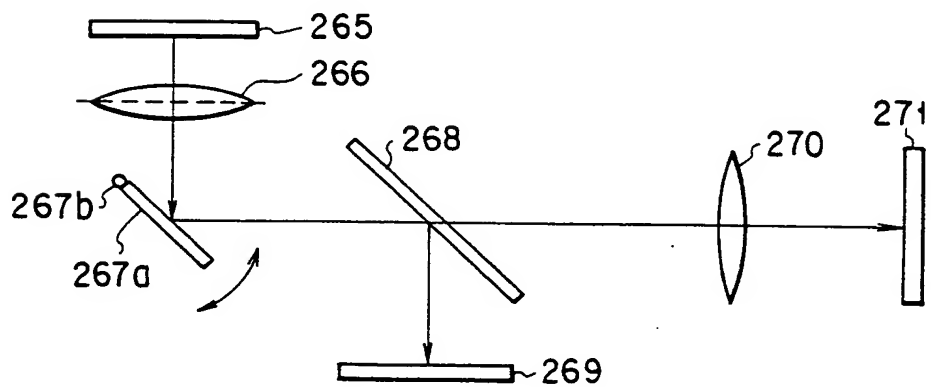


FIG. 72A

FIG. 72B



F I G. 73



F I G. 75

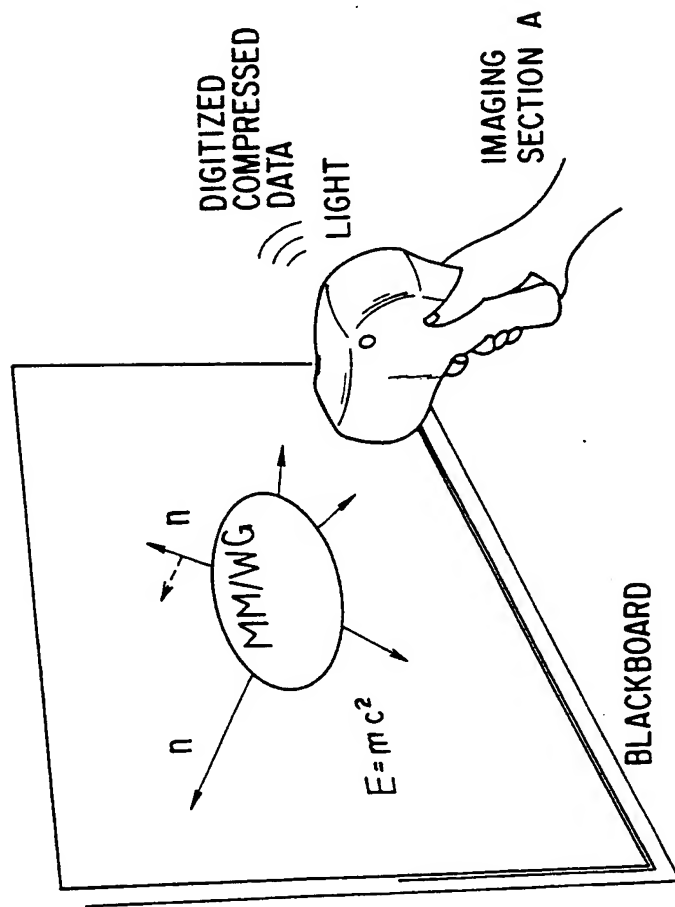


FIG. 74A

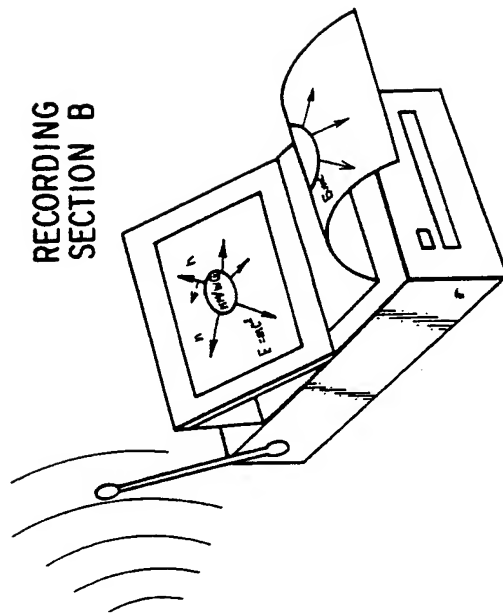


FIG. 74B

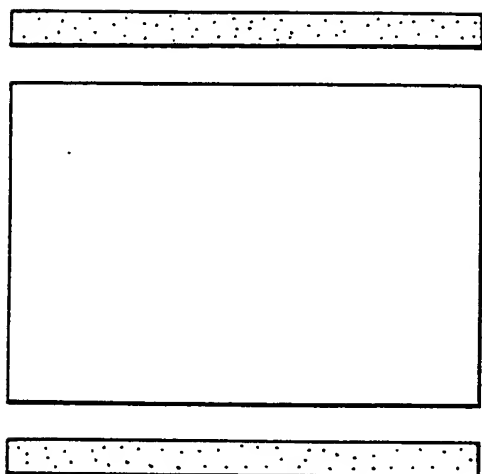


FIG. 76A



FIG. 76B

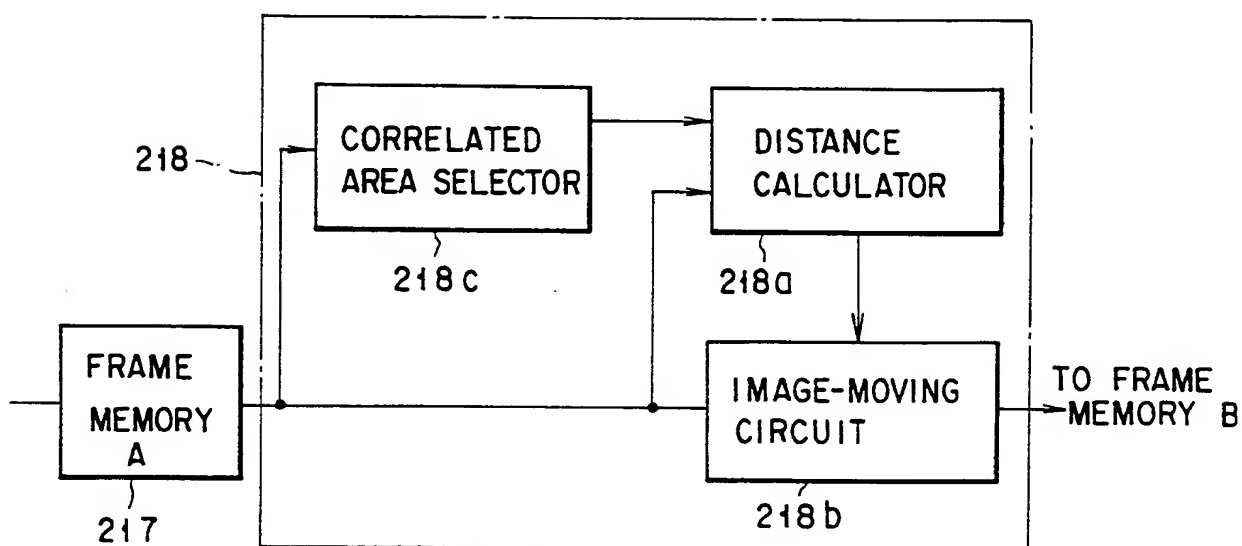


FIG. 77

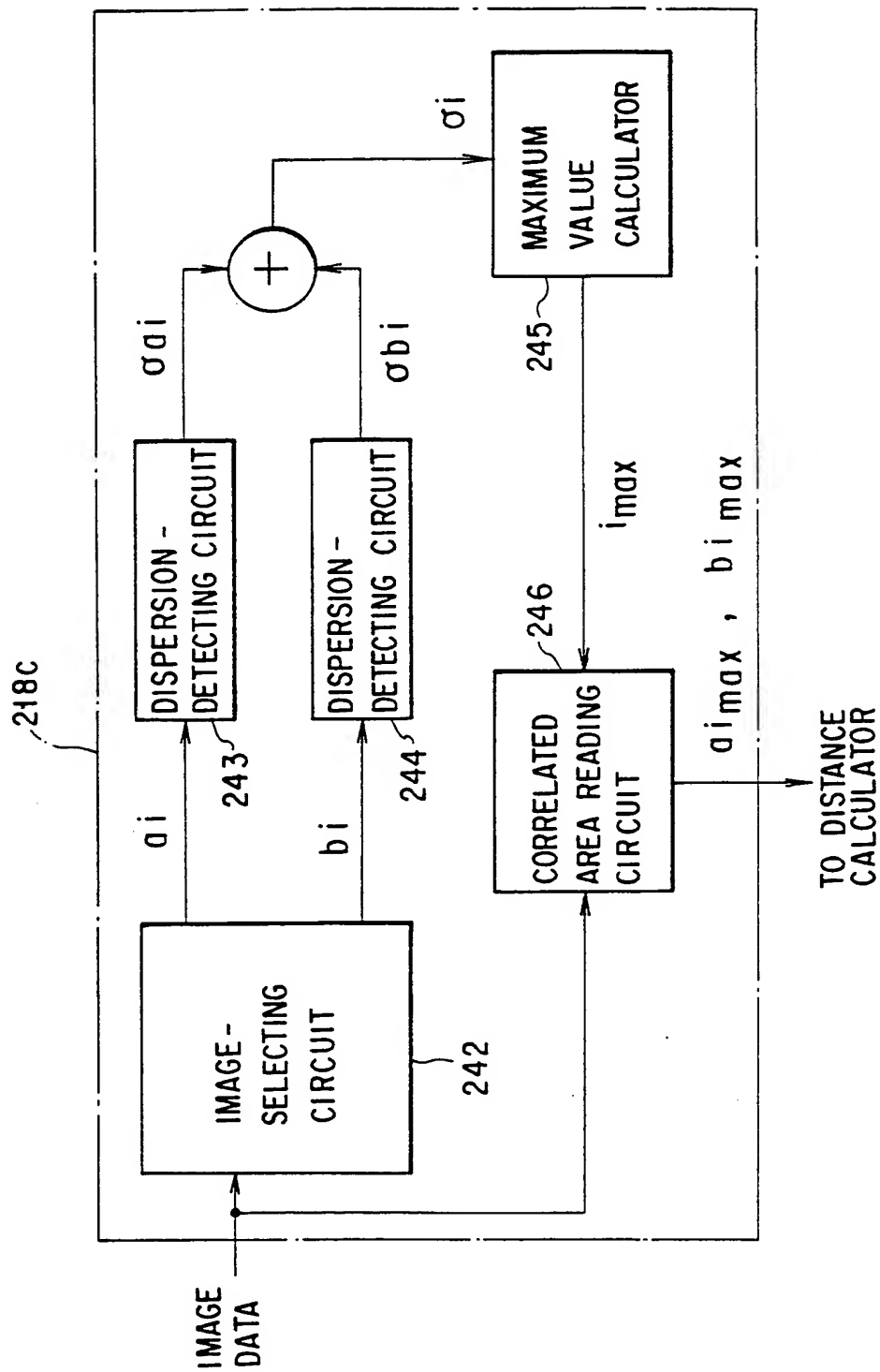
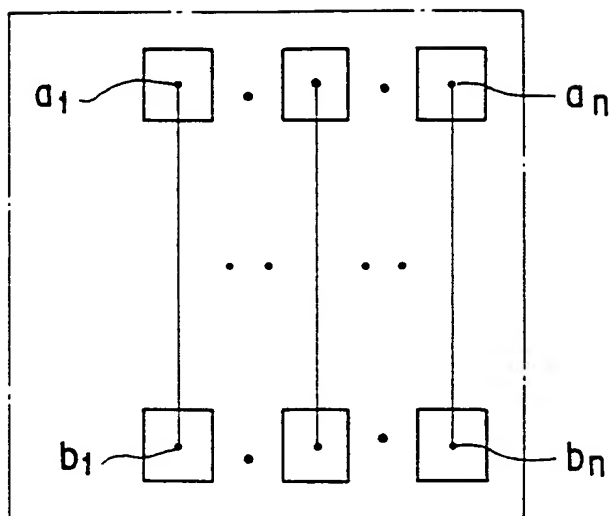


FIG. 78

FIG. 79



0	-1	0
-1	5	-1
0	-1	0

└──────────┘

FIG. 80A

-1	-1	-1
-1	9	-1
-1	-1	-1

└──────────┘

FIG. 80B

1	-2	1
-2	5	-2
1	-2	1

└──────────┘

FIG. 80C

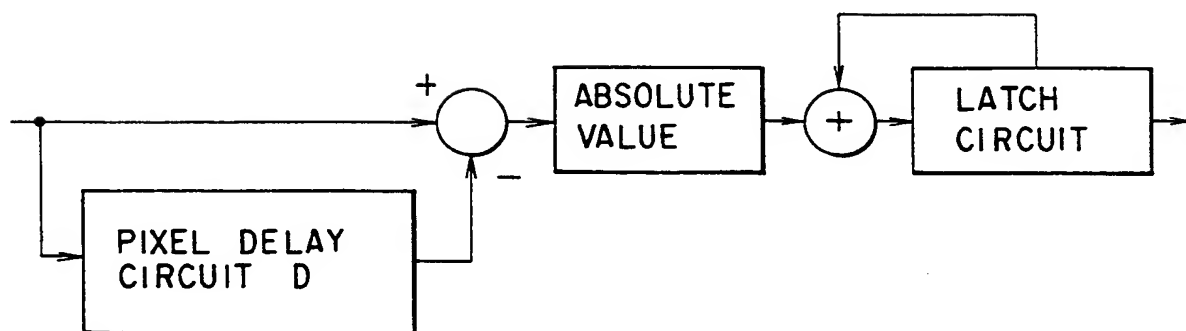


FIG. 81

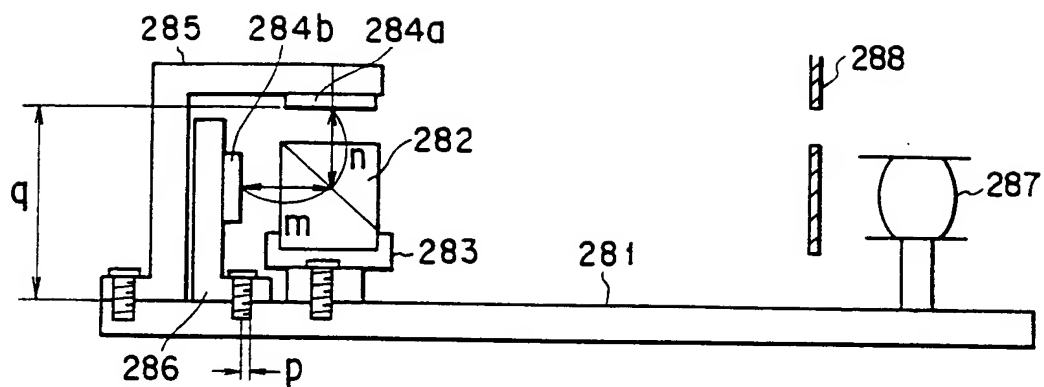


FIG. 82

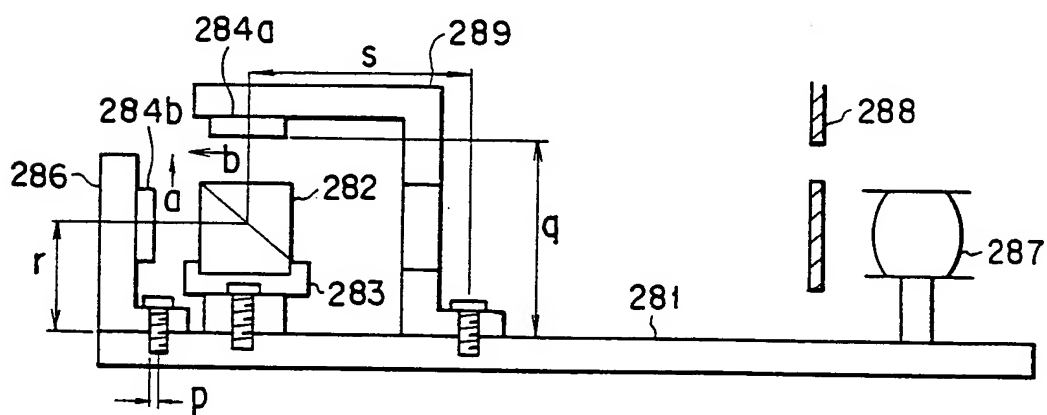


FIG. 83

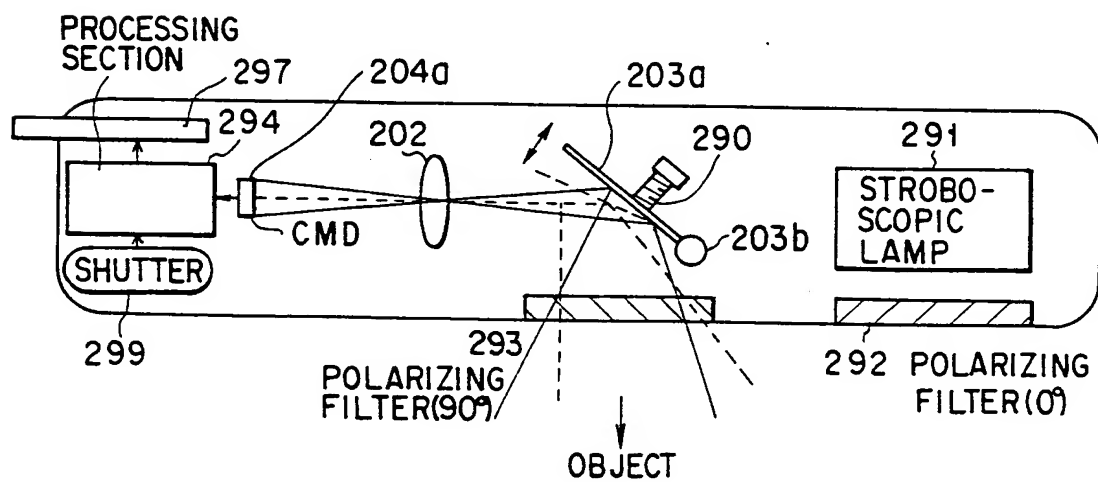


FIG. 84

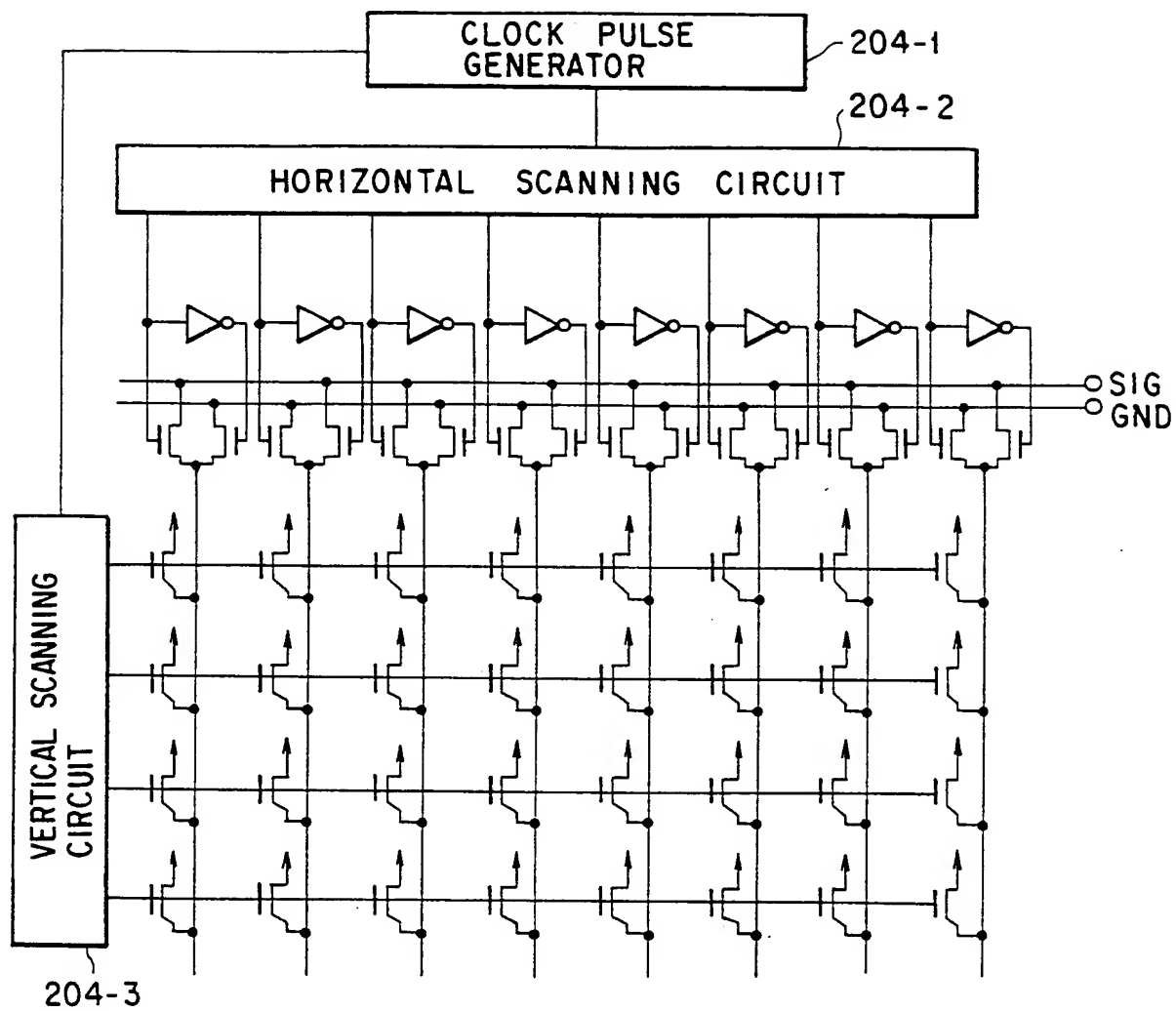


FIG. 85

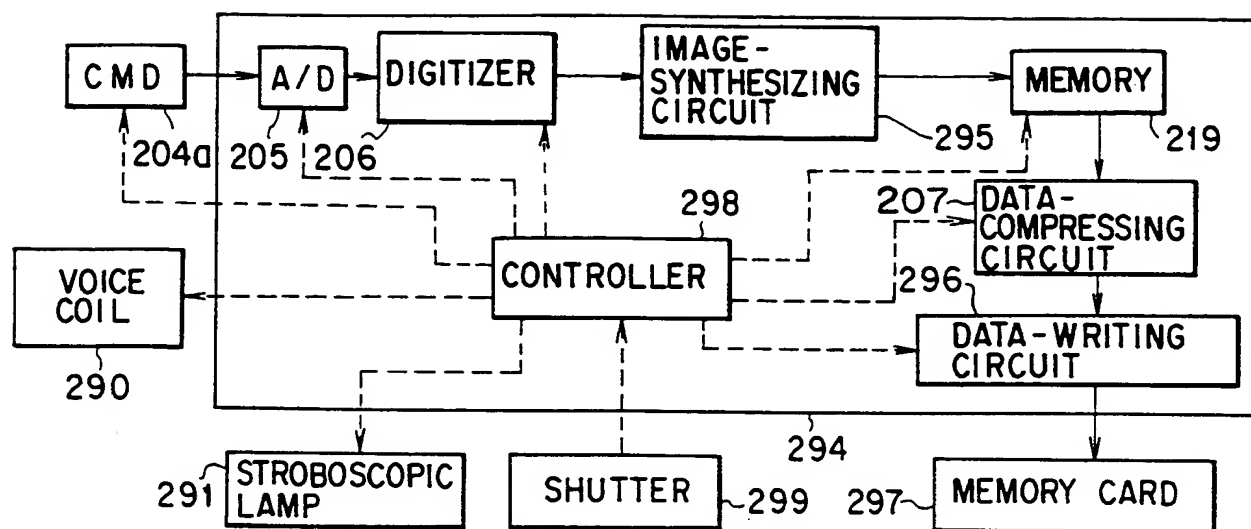


FIG. 86

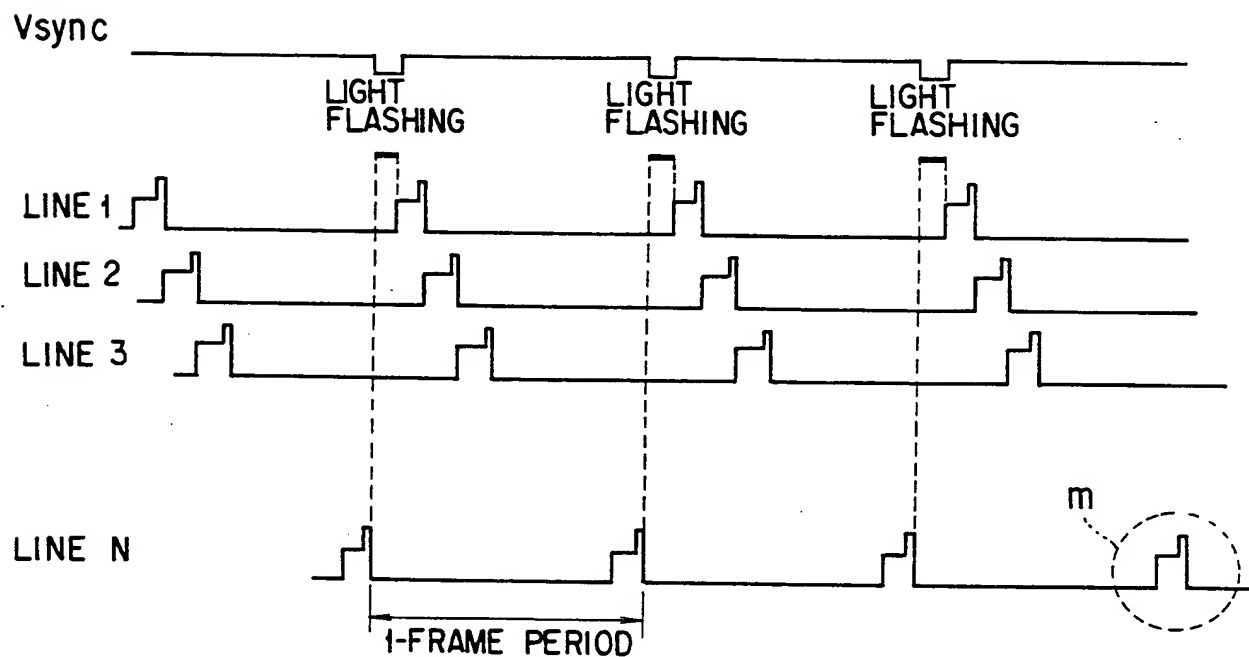


FIG. 87A

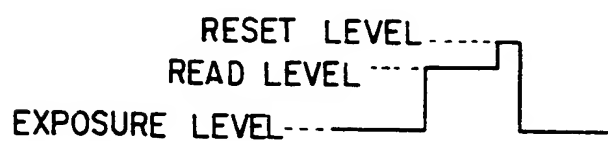


FIG. 87B

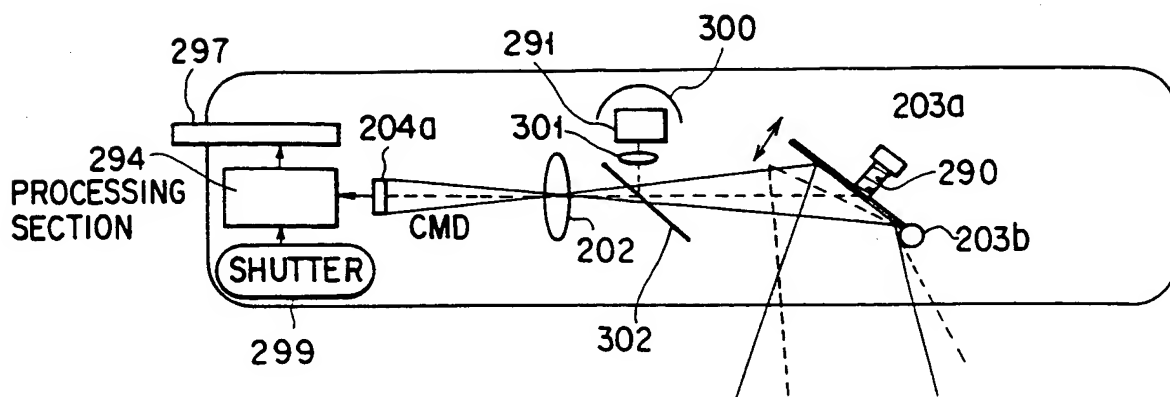


FIG. 88

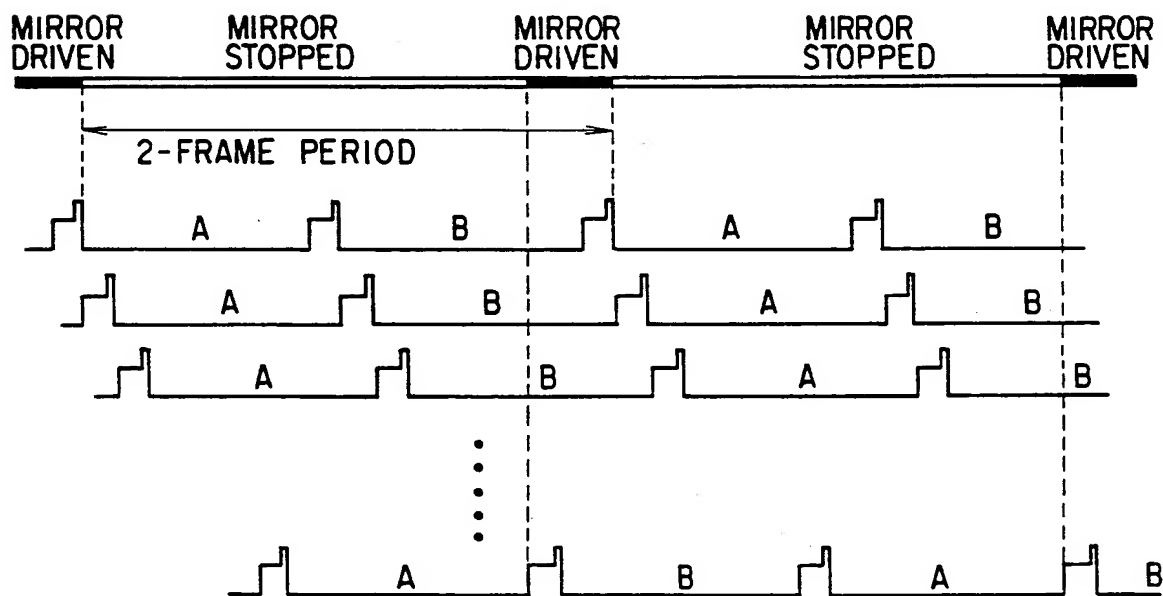


FIG. 89

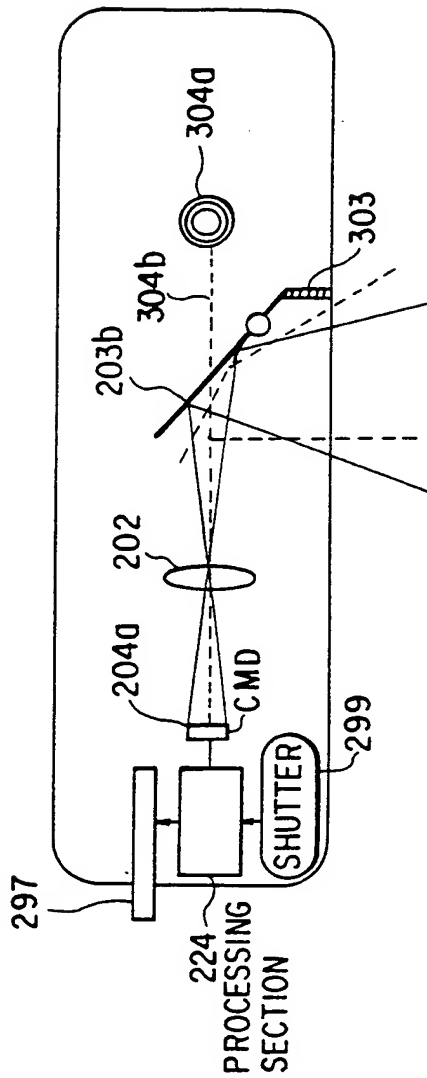


FIG. 90A



FIG. 90D

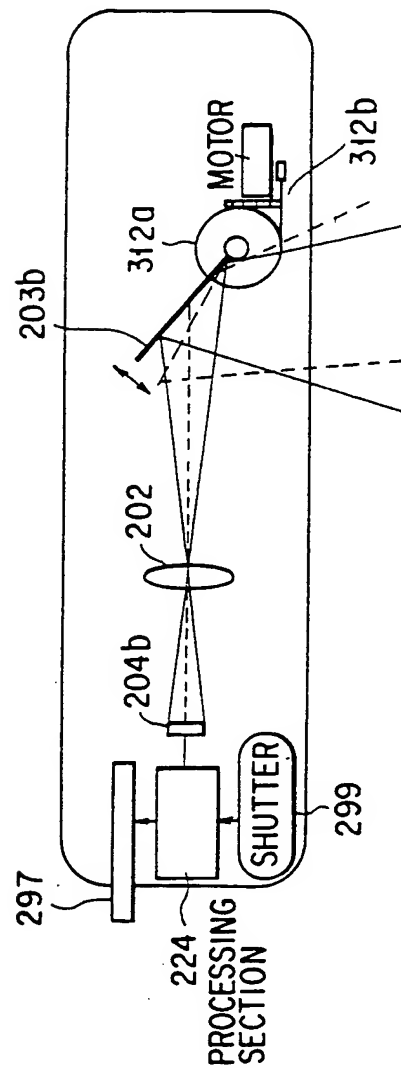


FIG. 90B

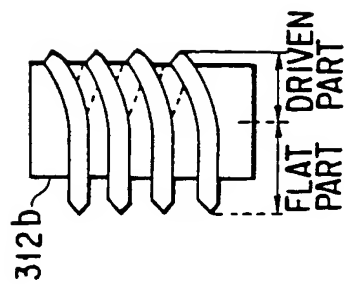


FIG. 90E

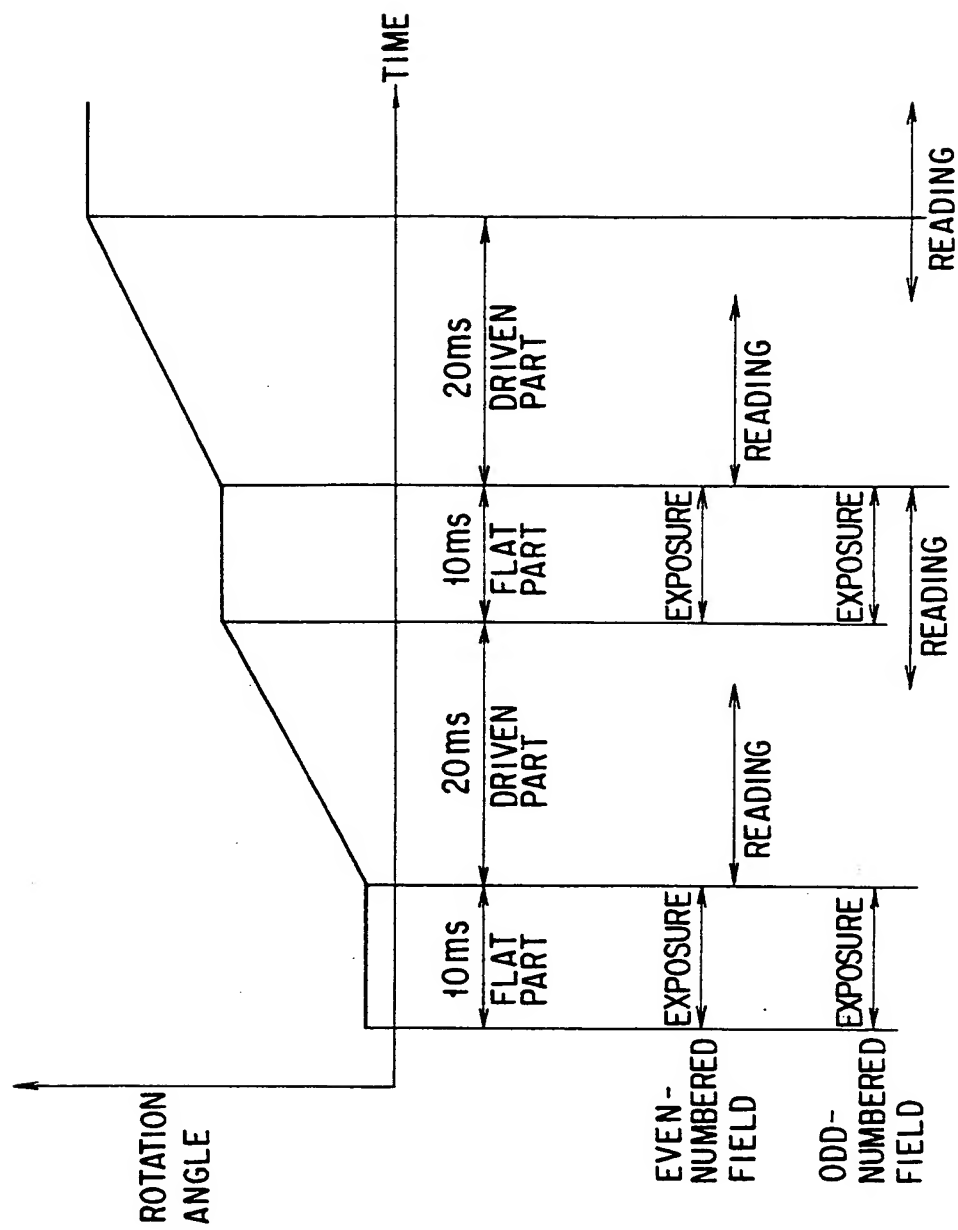


FIG. 90C

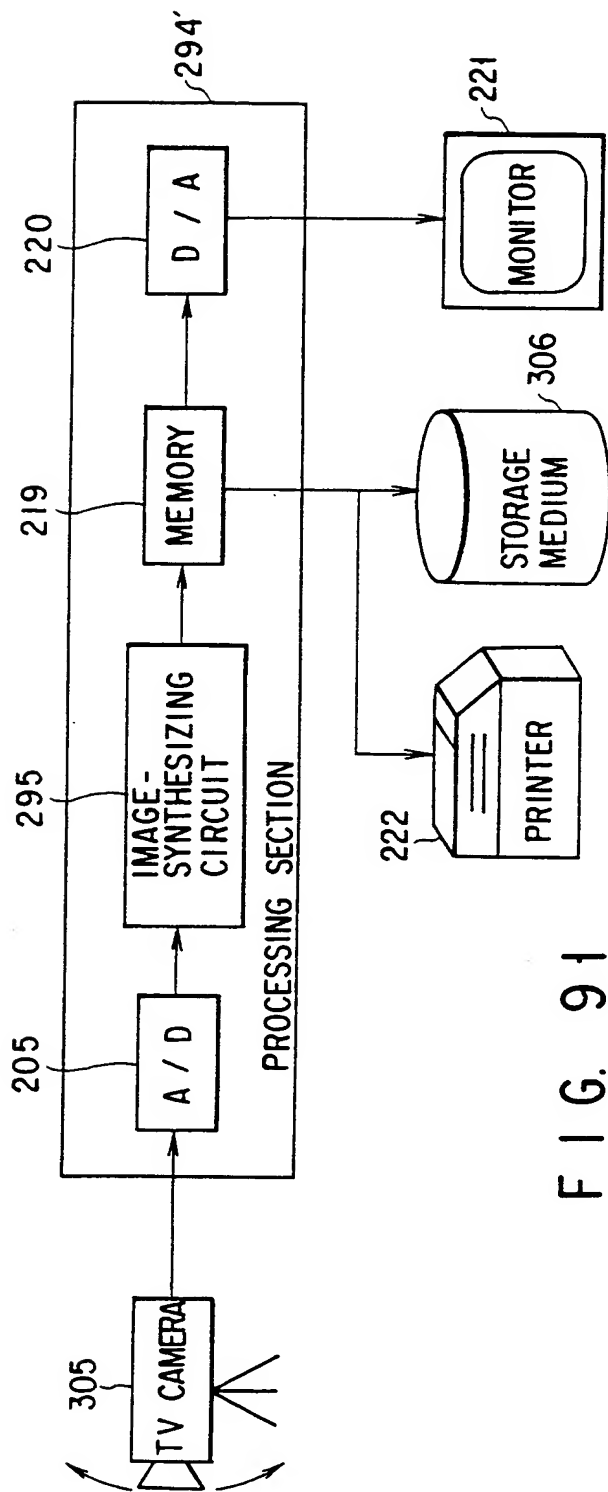


FIG. 91

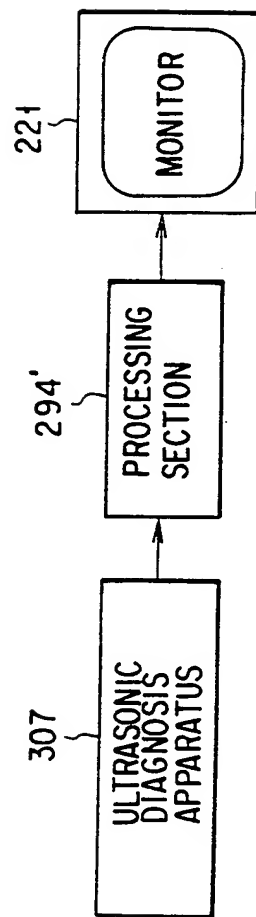


FIG. 92

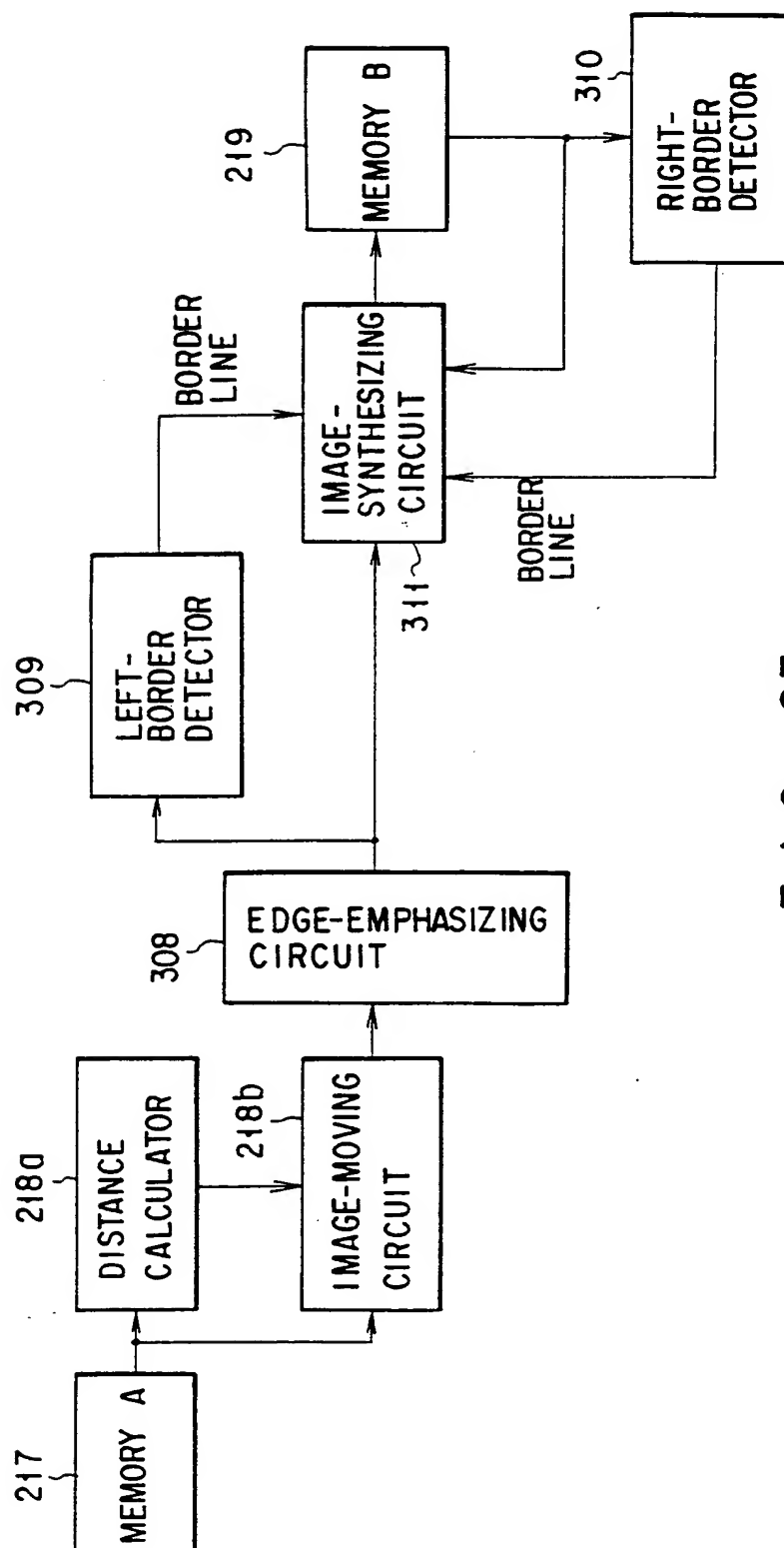
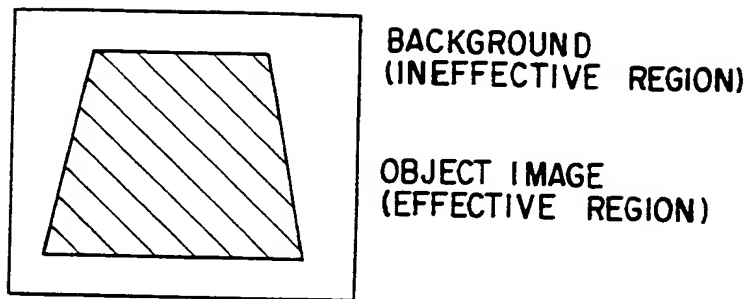
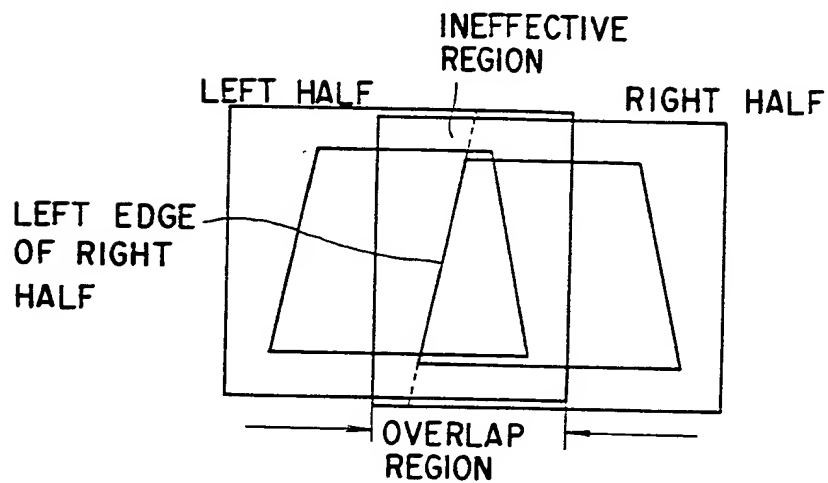


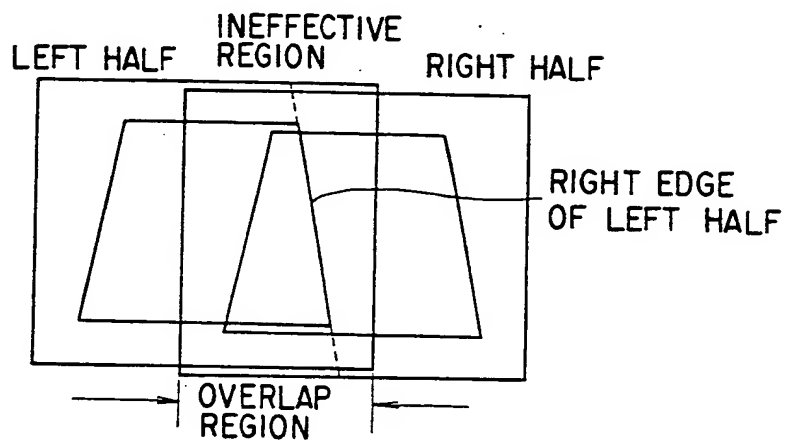
FIG. 93



F I G. 94



F I G. 95A



F I G. 95B

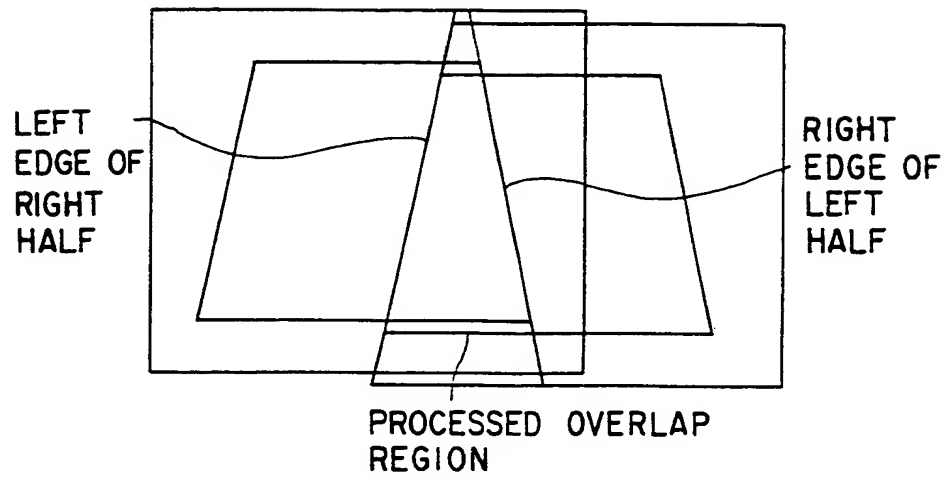


FIG. 96

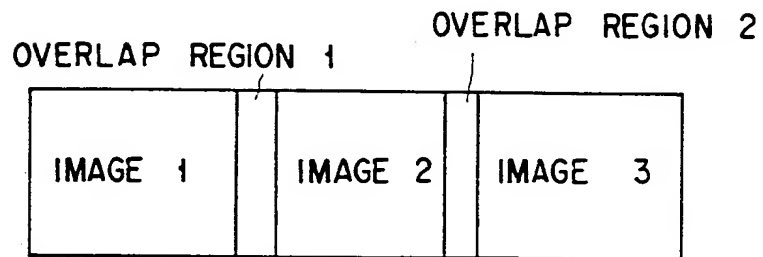


FIG. 97A

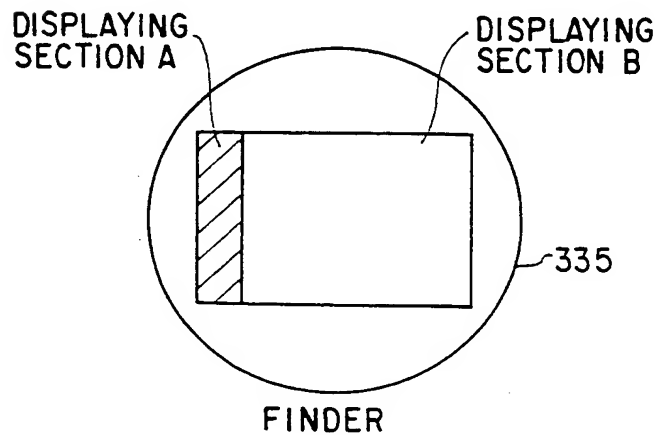


FIG. 97B

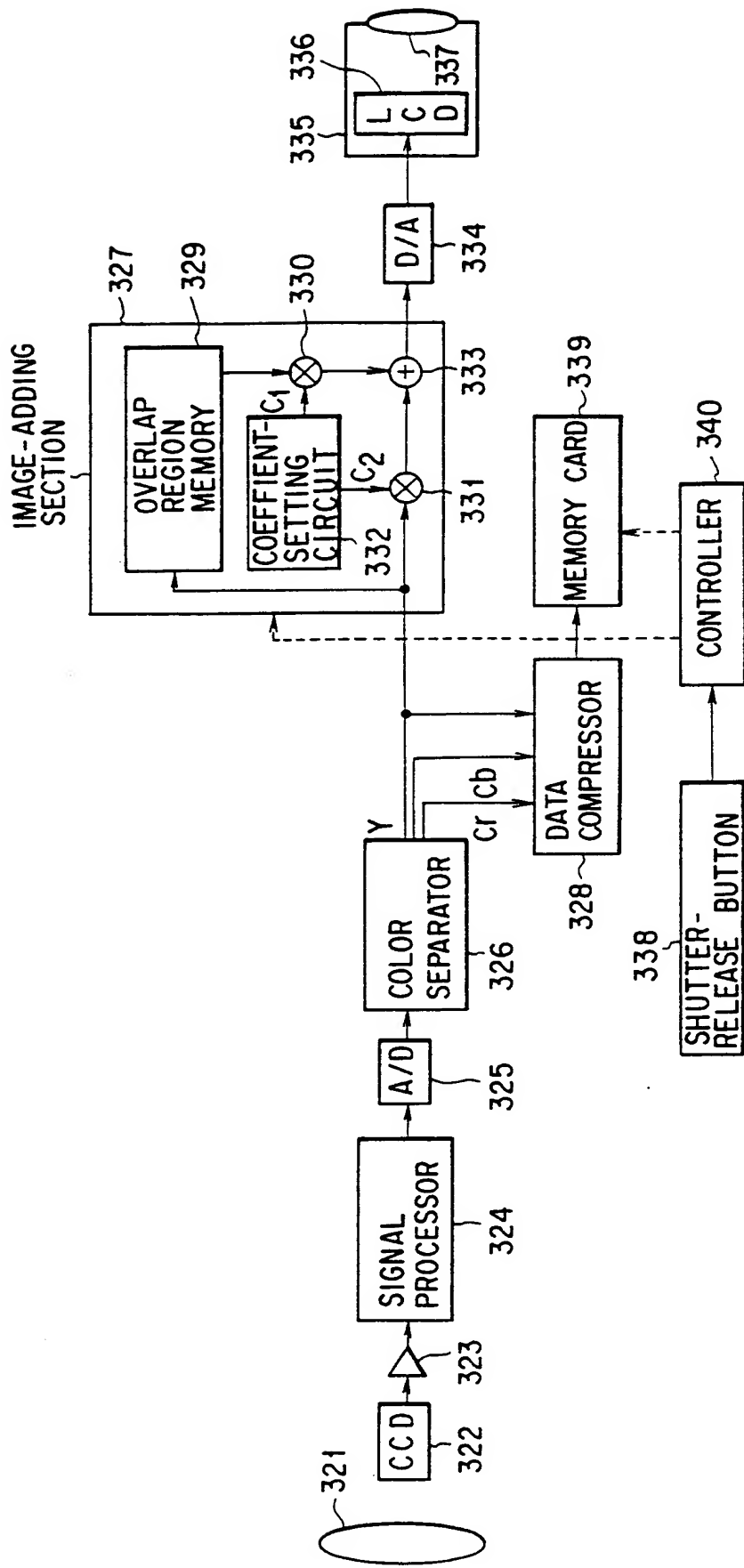


FIG. 97C

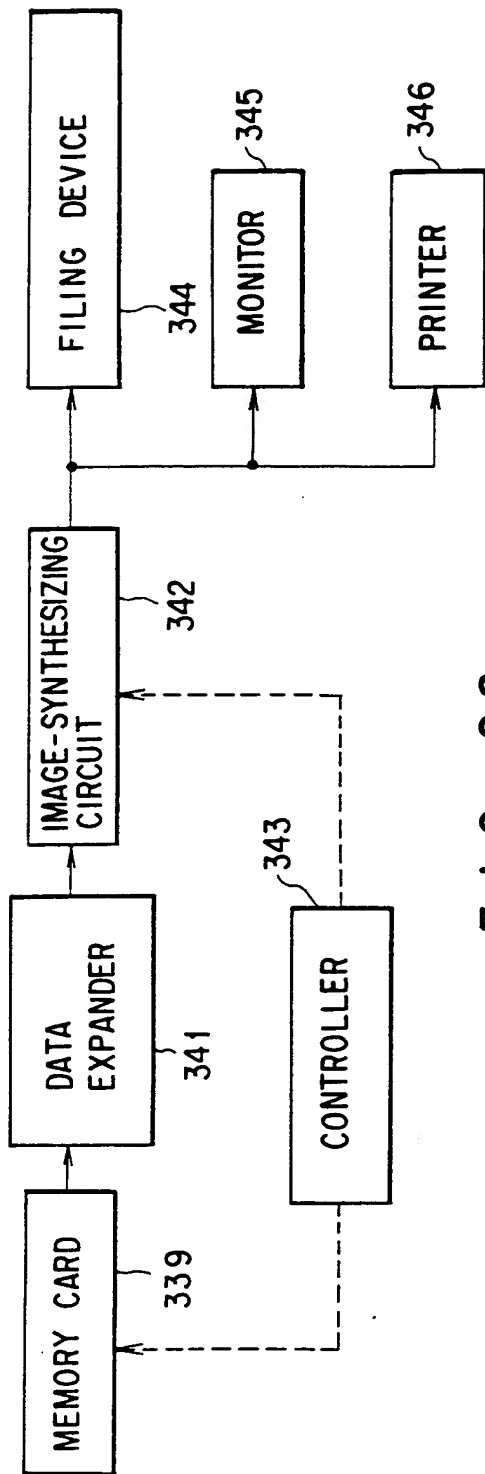


FIG. 98

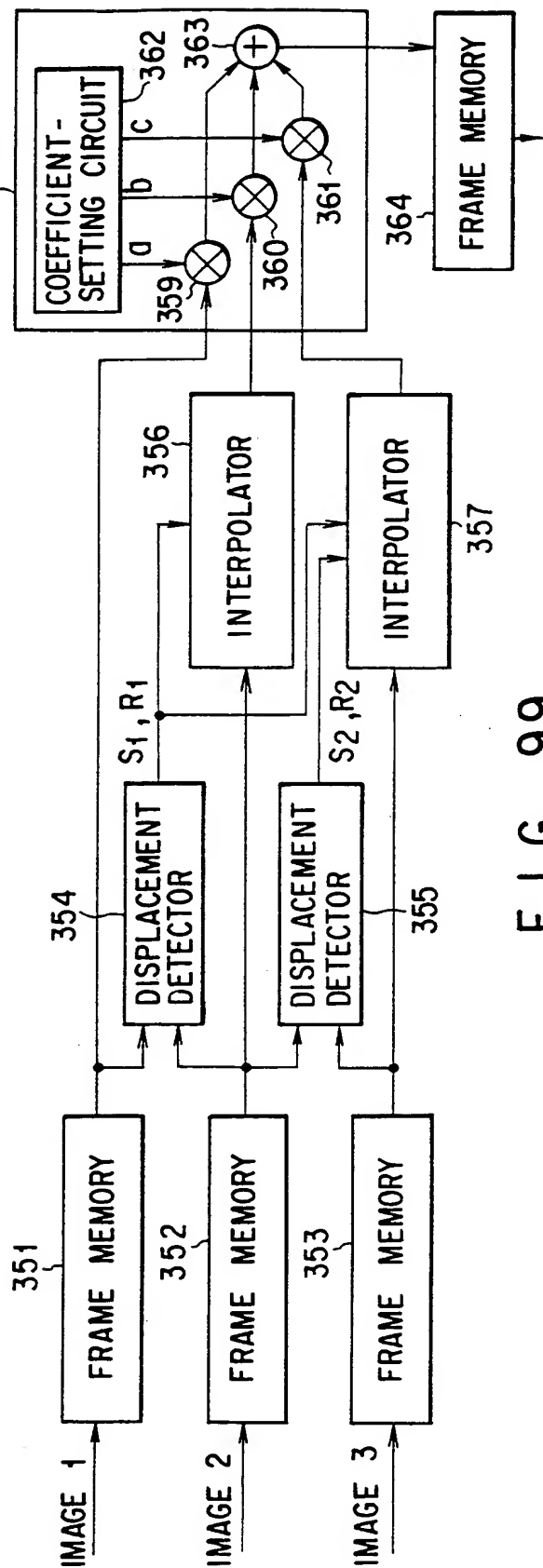


FIG. 99

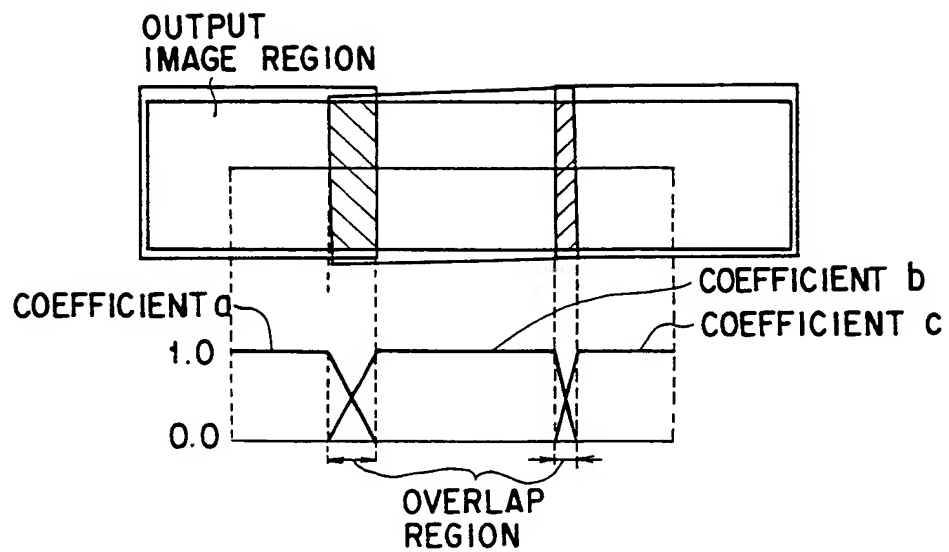


FIG. 100

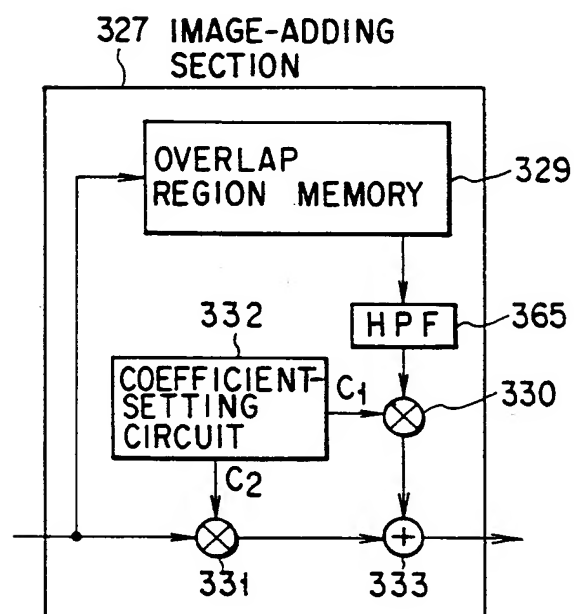


FIG. 101

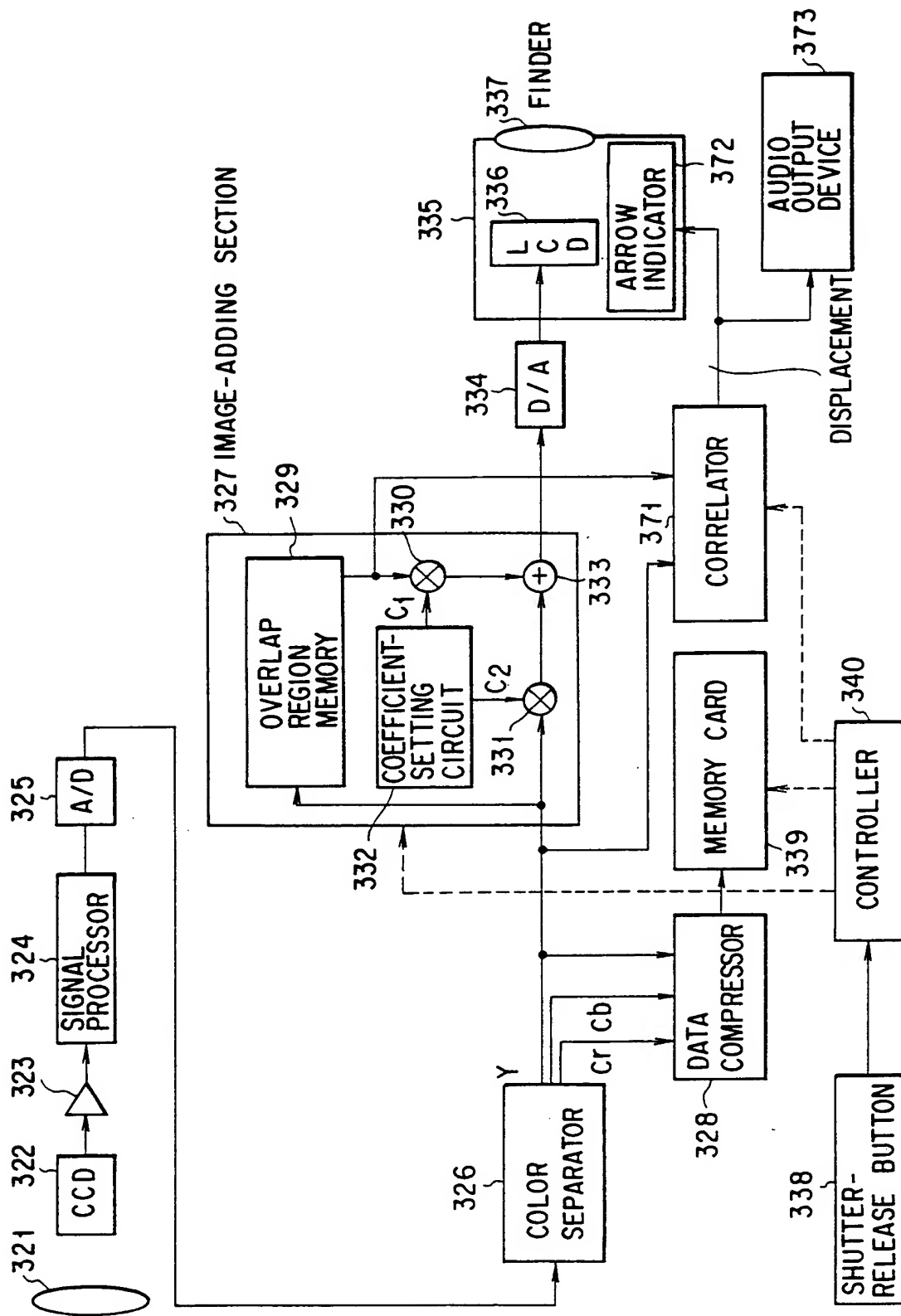


FIG. 102

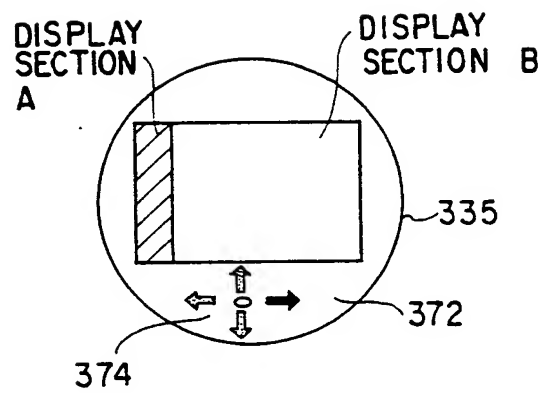


FIG. 103

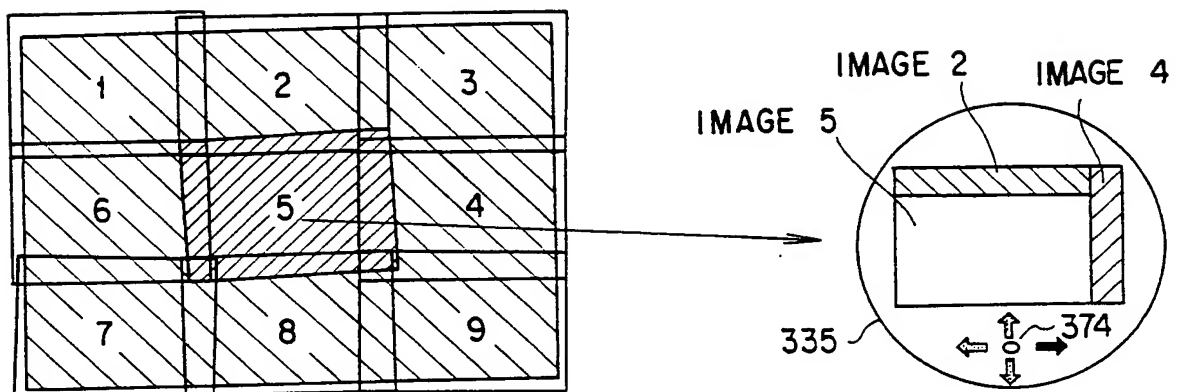


FIG. 104A

FIG. 104B

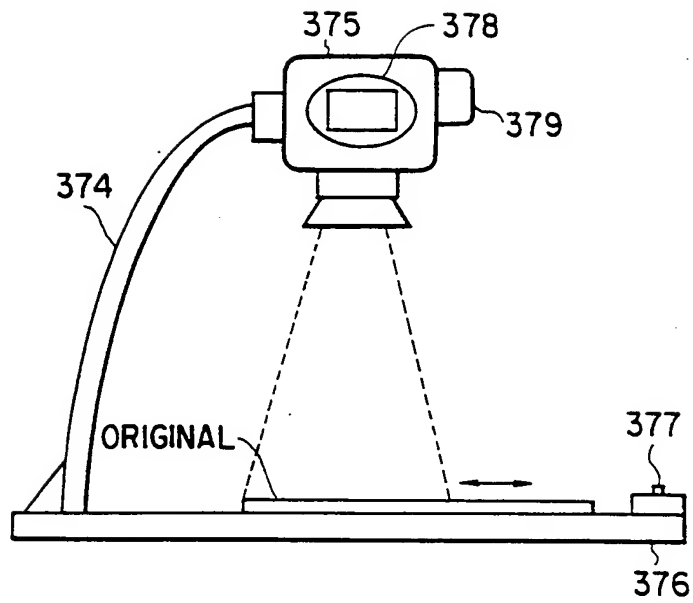


FIG. 105A

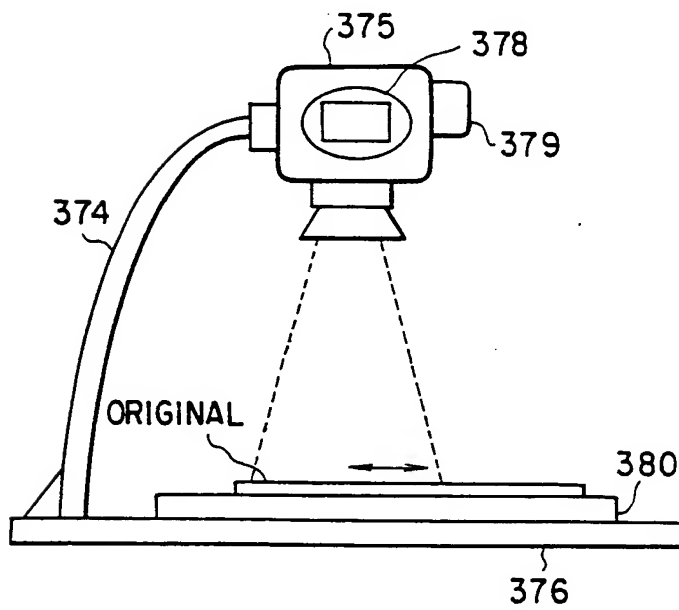


FIG. 105B

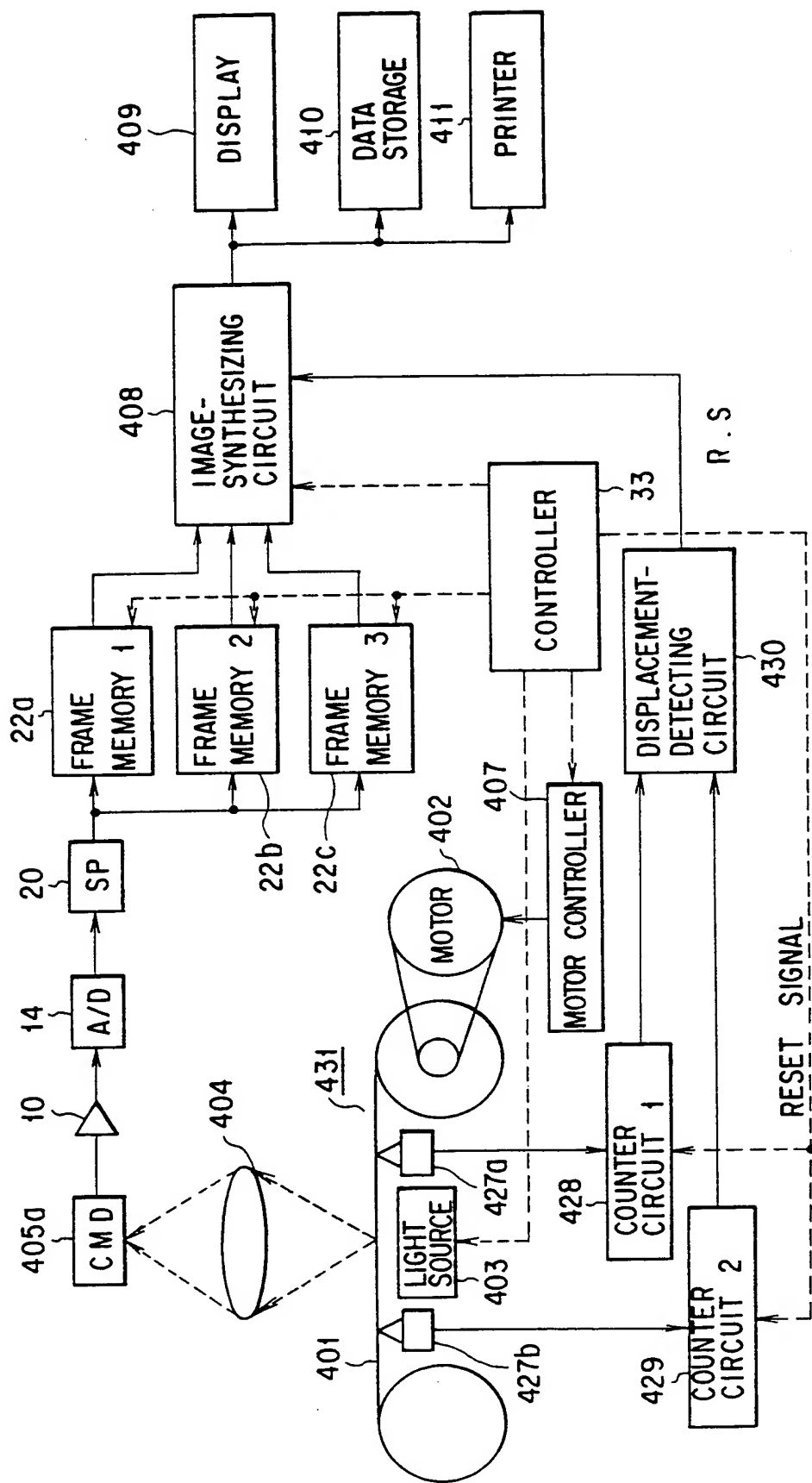


FIG. 106

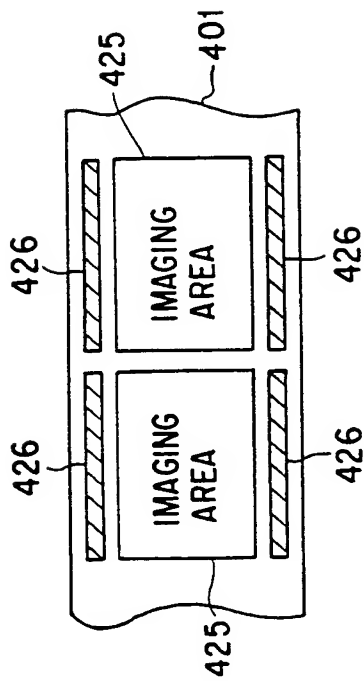


FIG. 107

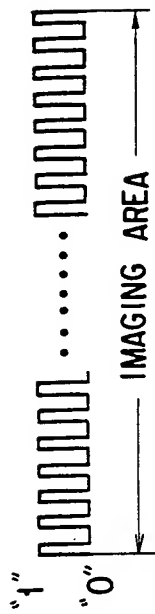


FIG. 108

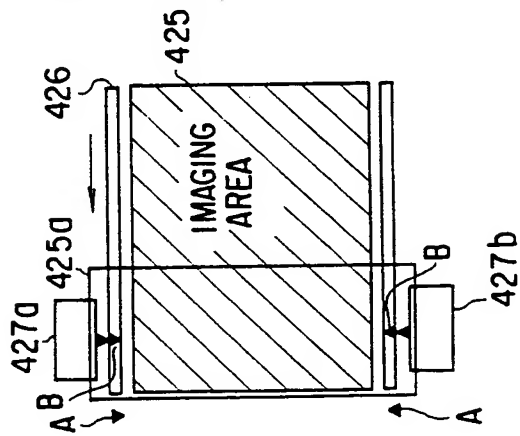


FIG. 109A

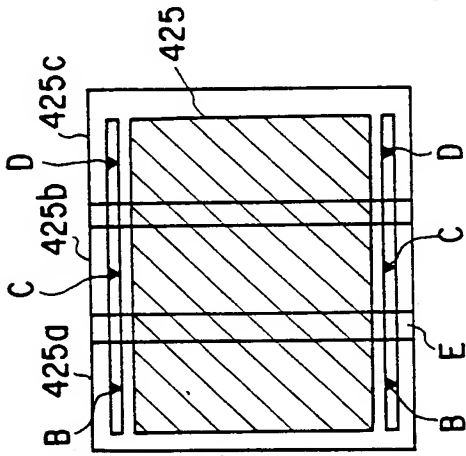


FIG. 109B

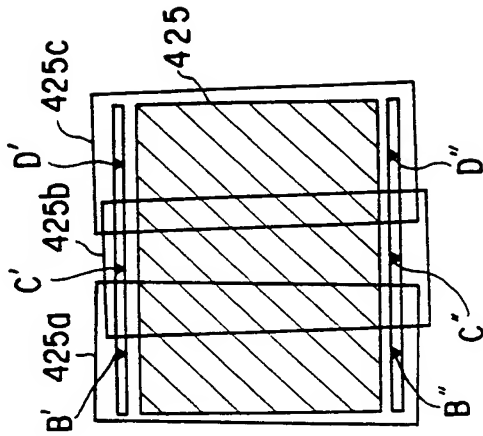


FIG. 109C

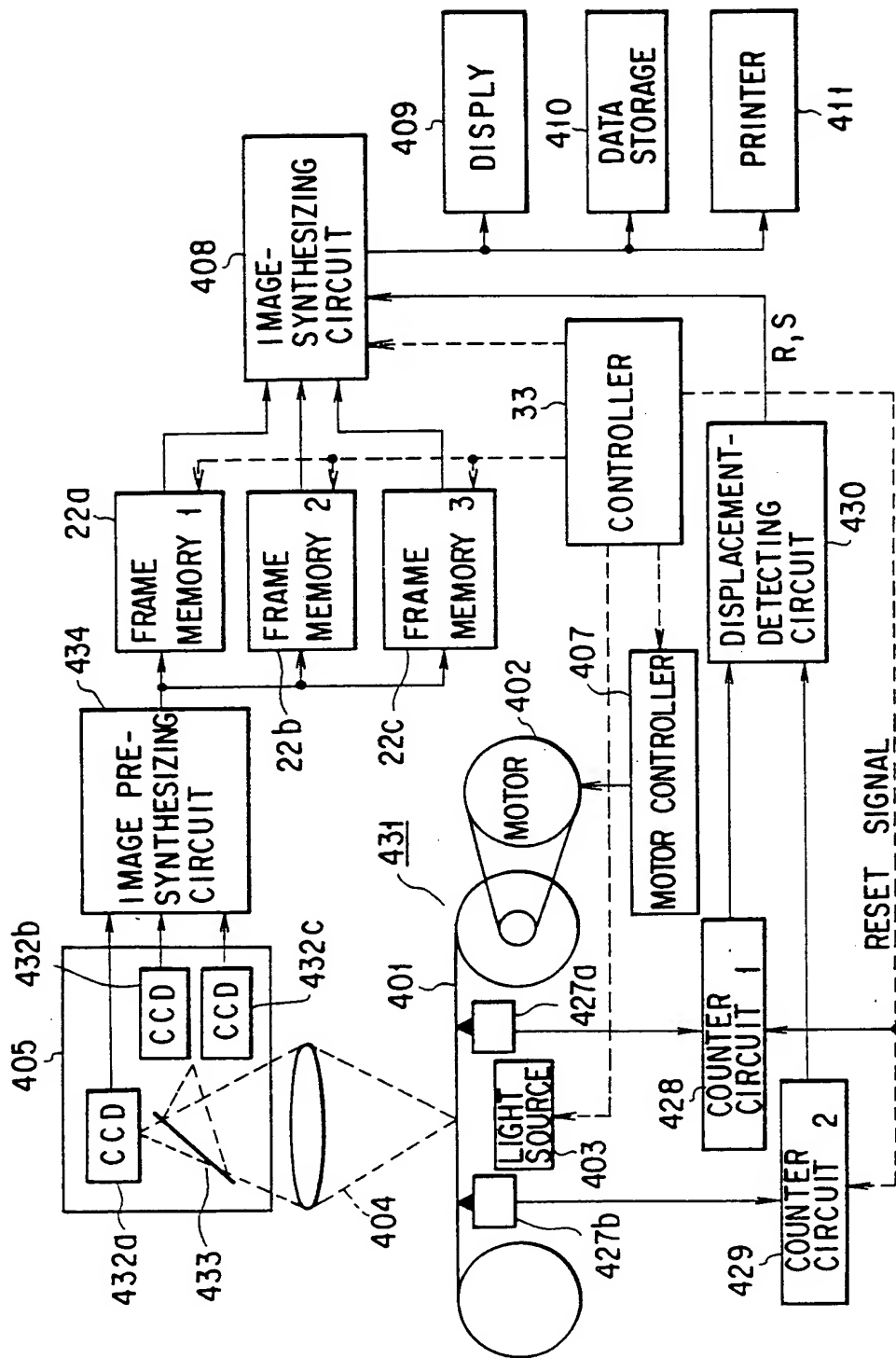


FIG. 110

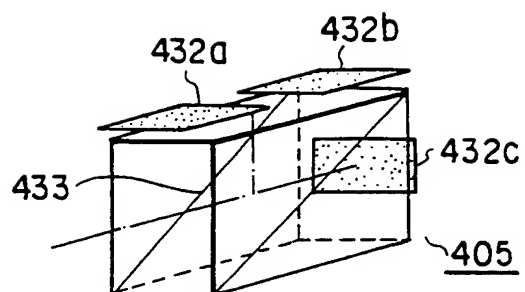


FIG. 111



FIG. 113

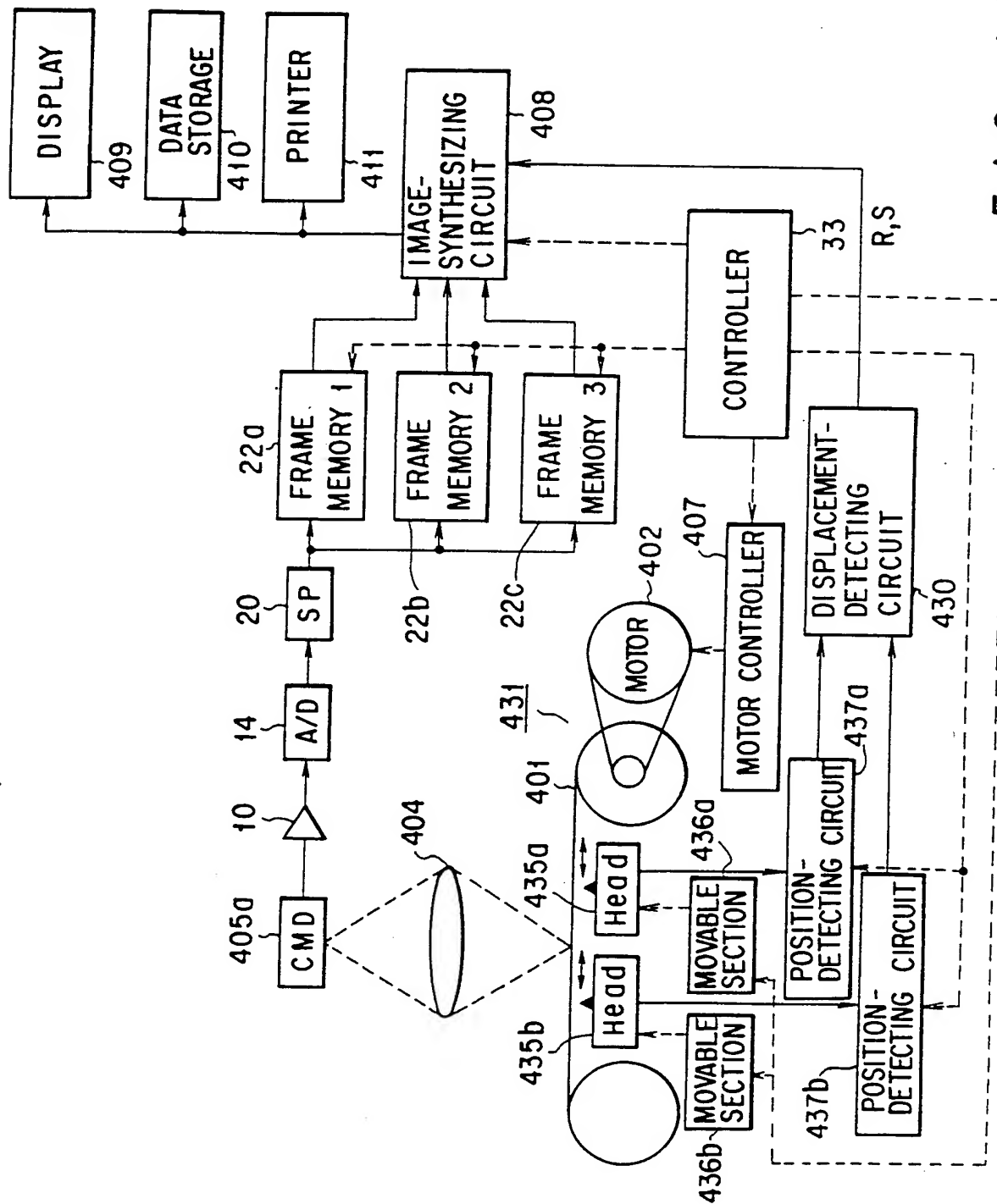


FIG. 112

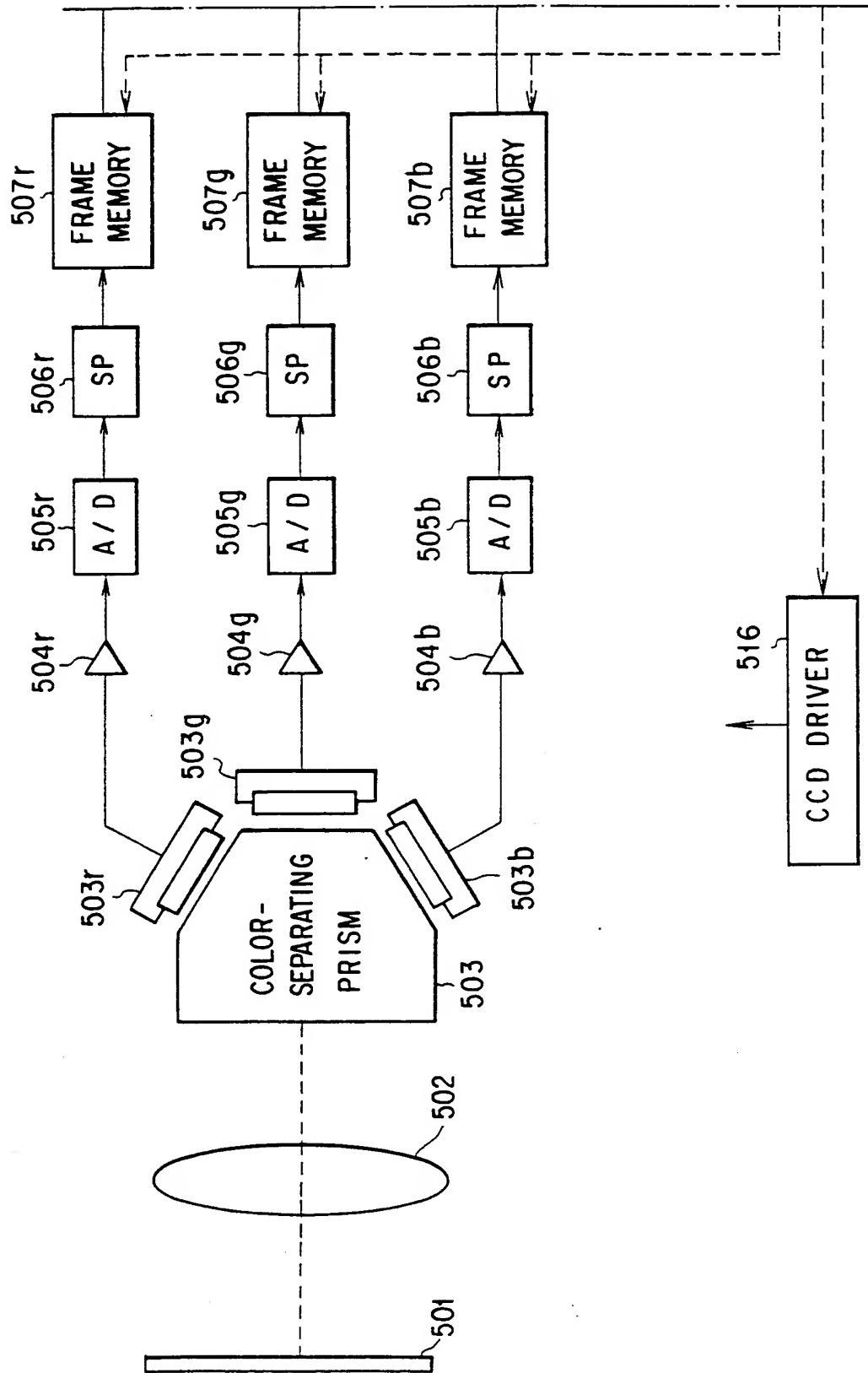


FIG. 114A

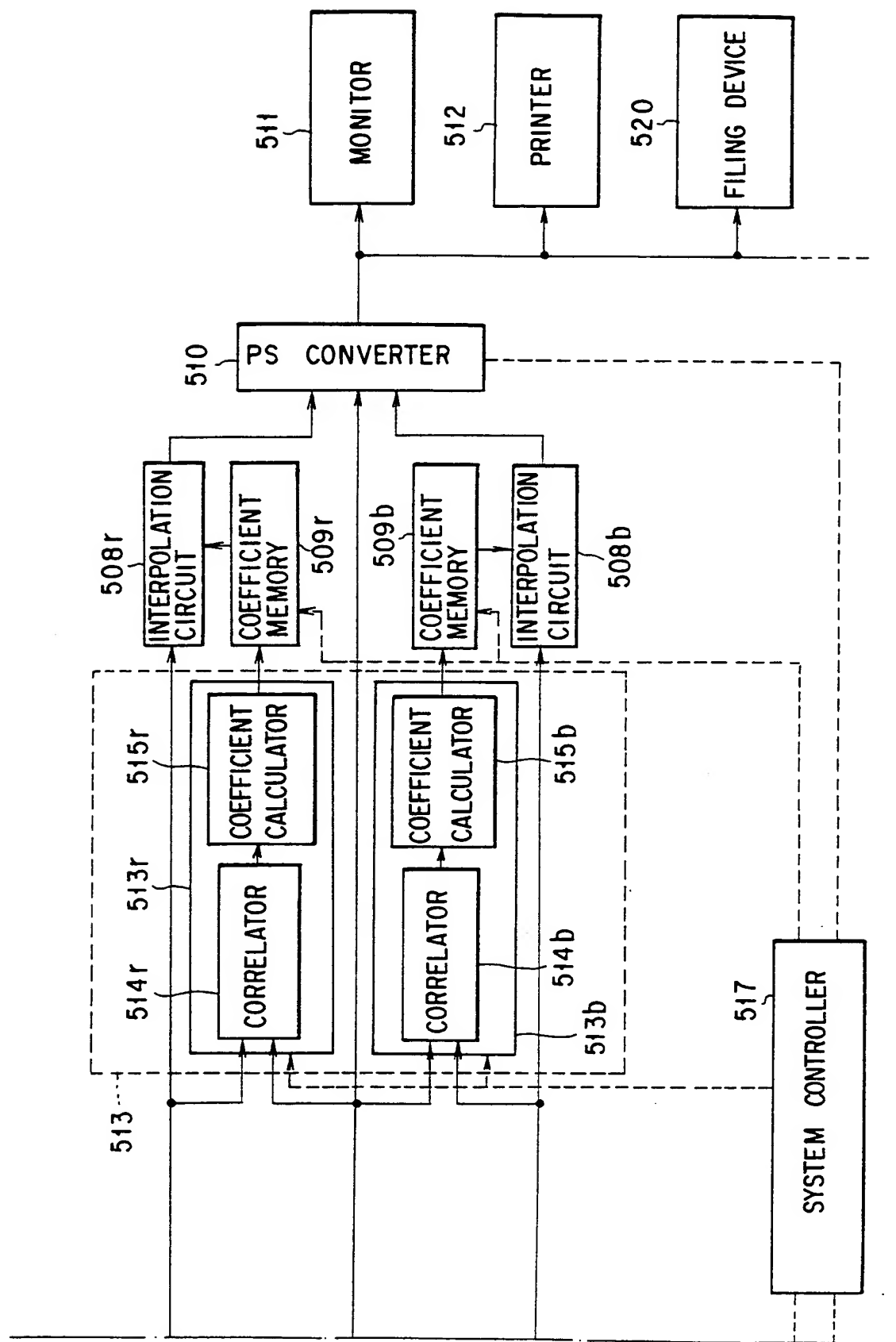


FIG. 114B

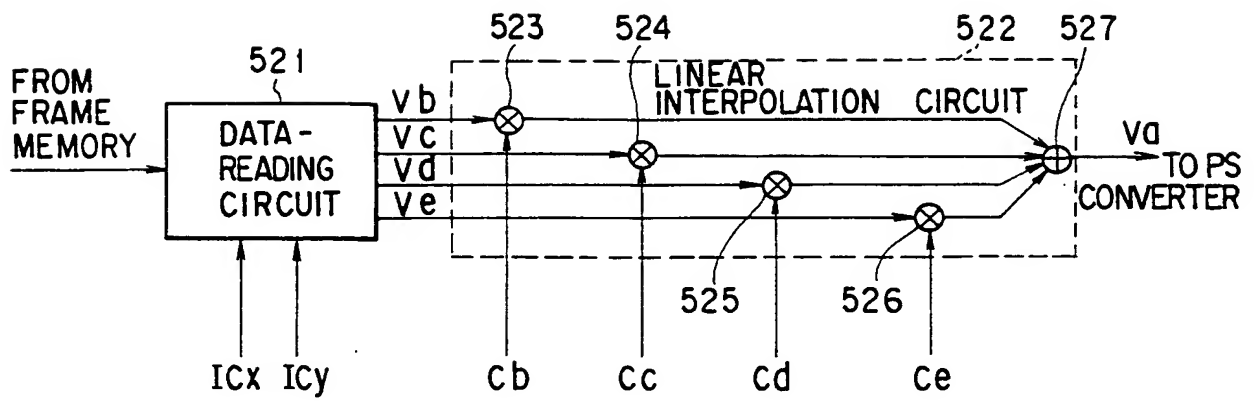


FIG. 115

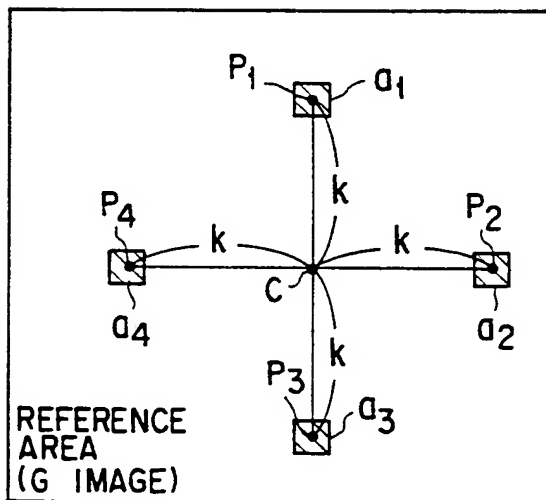


FIG. 116A

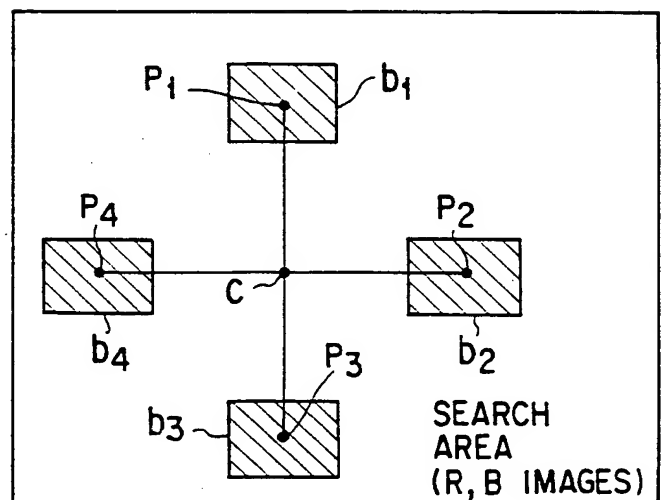


FIG. 116B

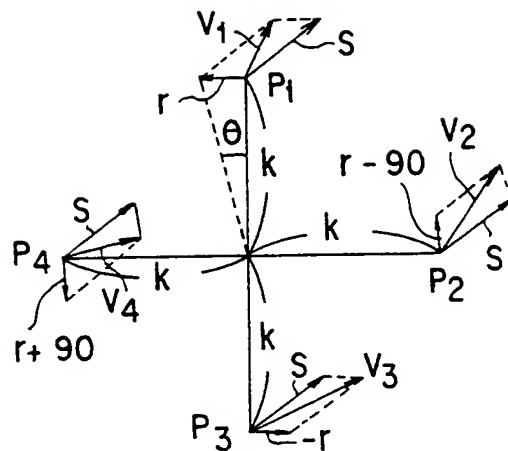


FIG. 117

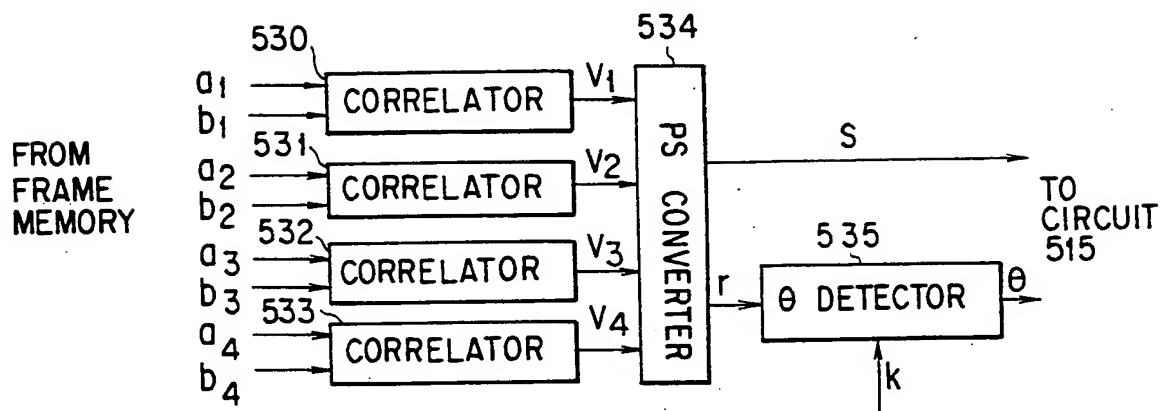


FIG. 118

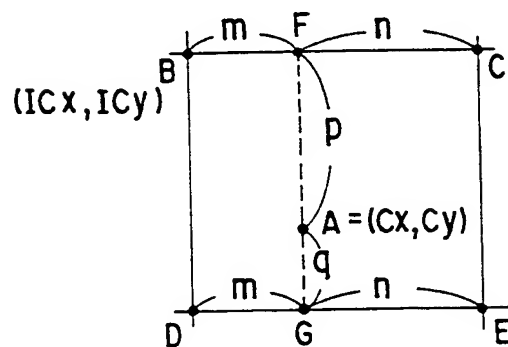


FIG. 119

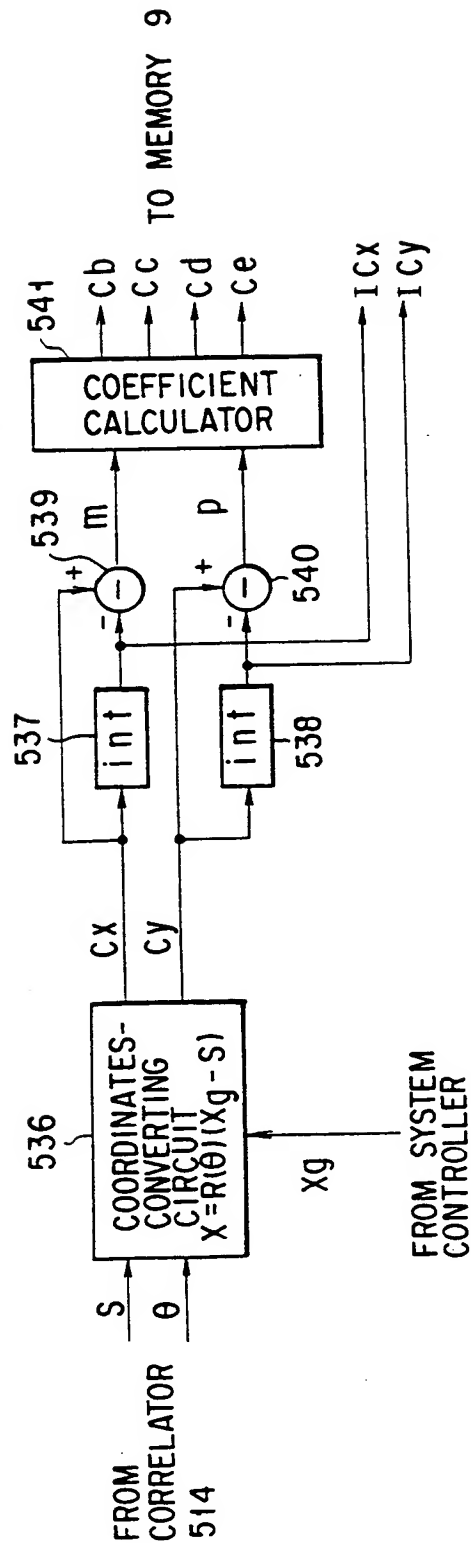


FIG. 120

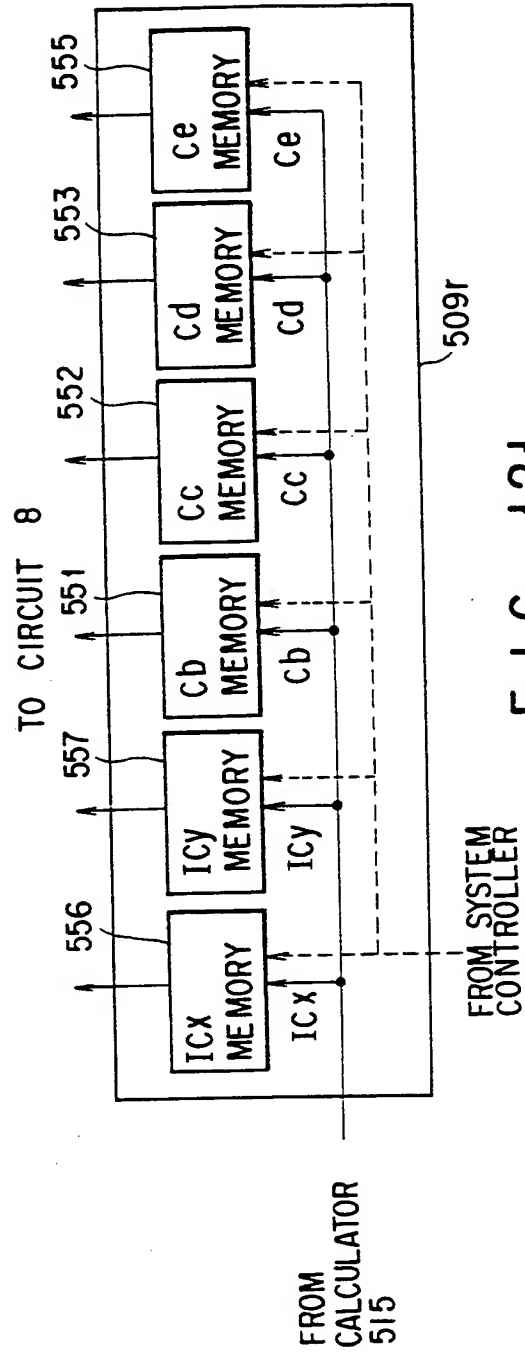


FIG. 121

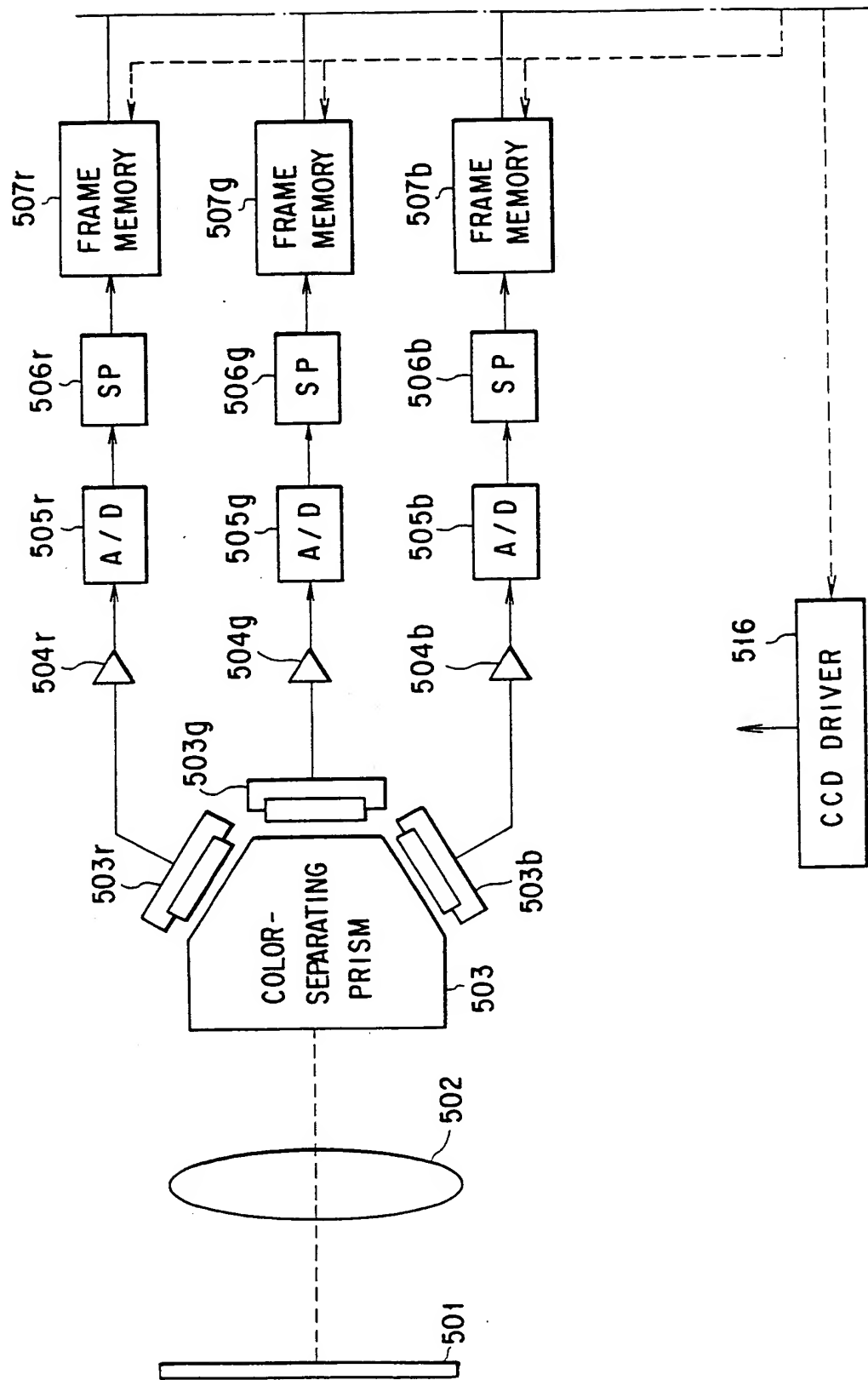


FIG. 123A

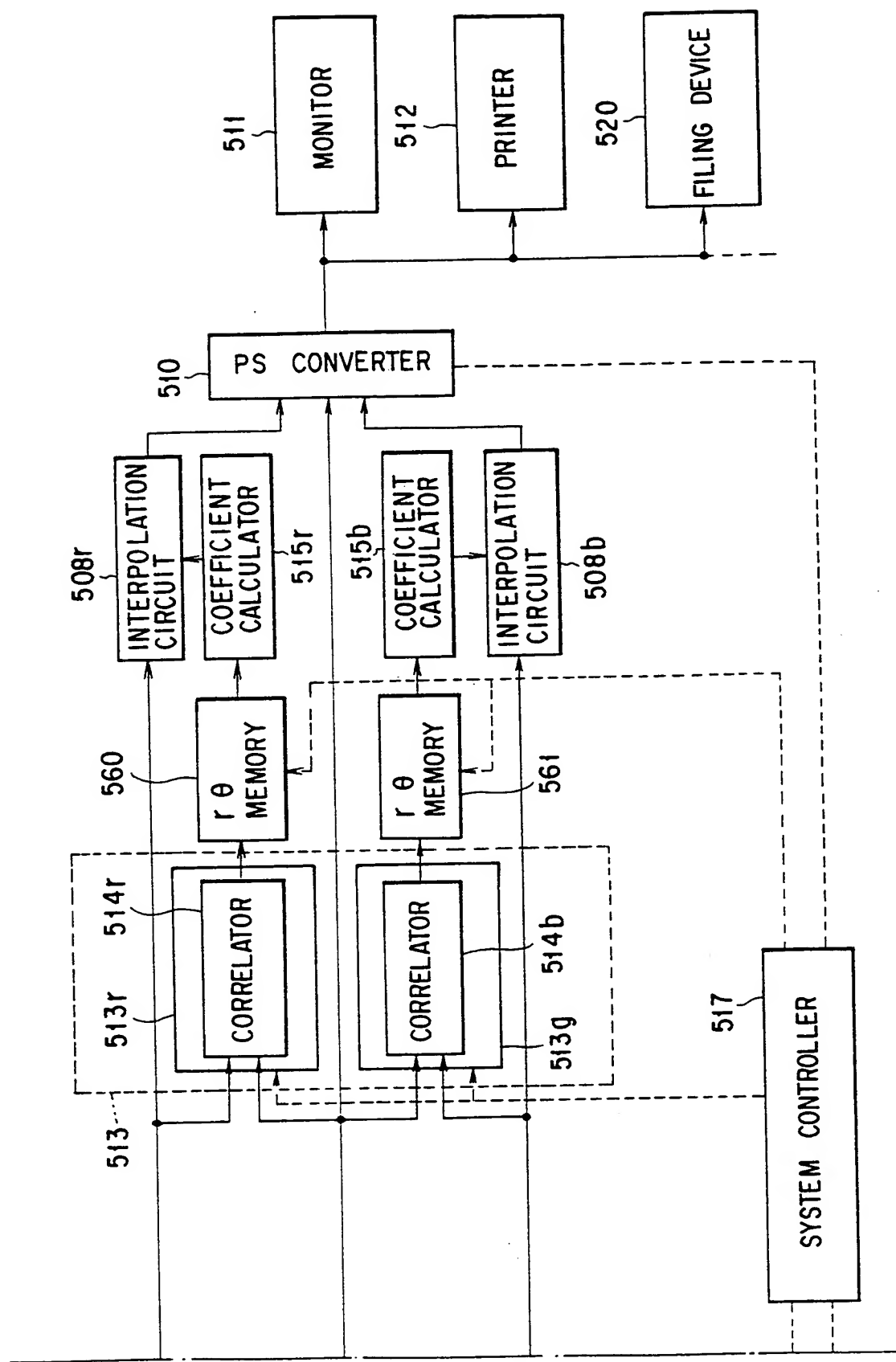


FIG. 123B

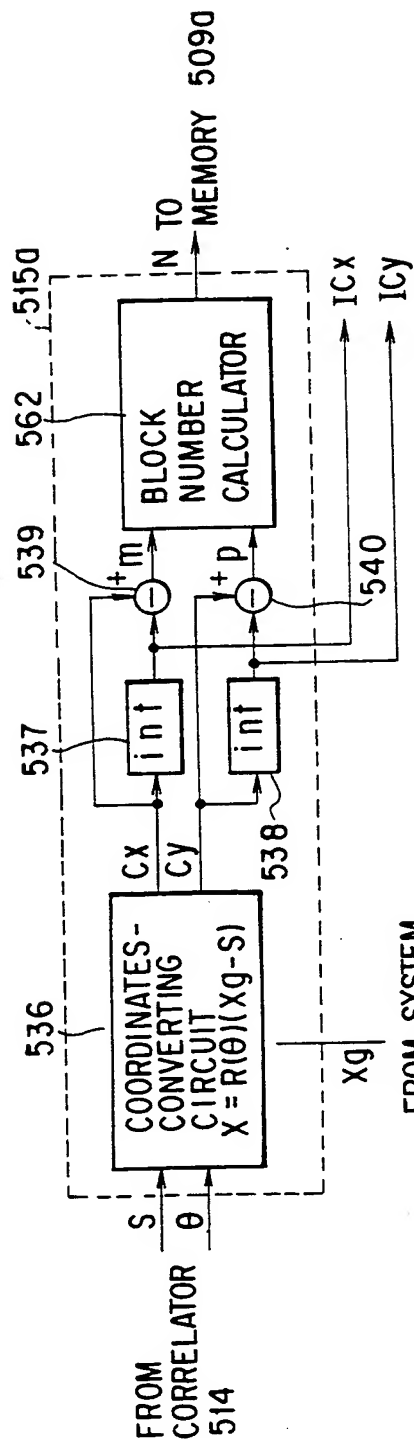


FIG. 124

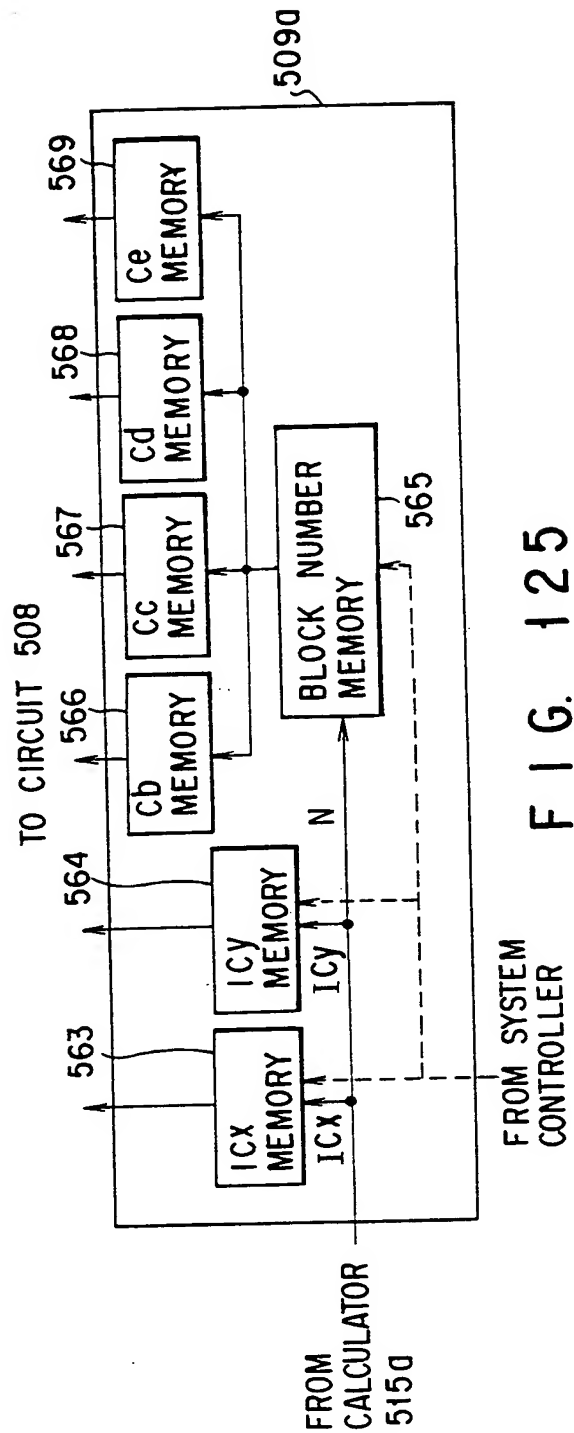
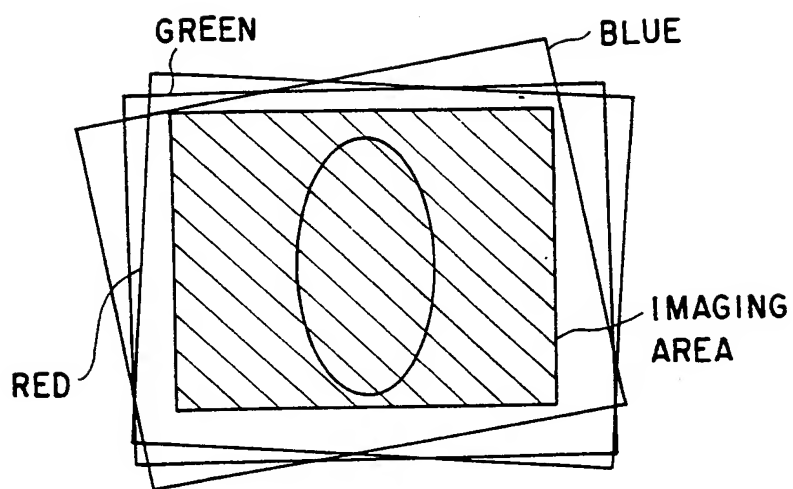
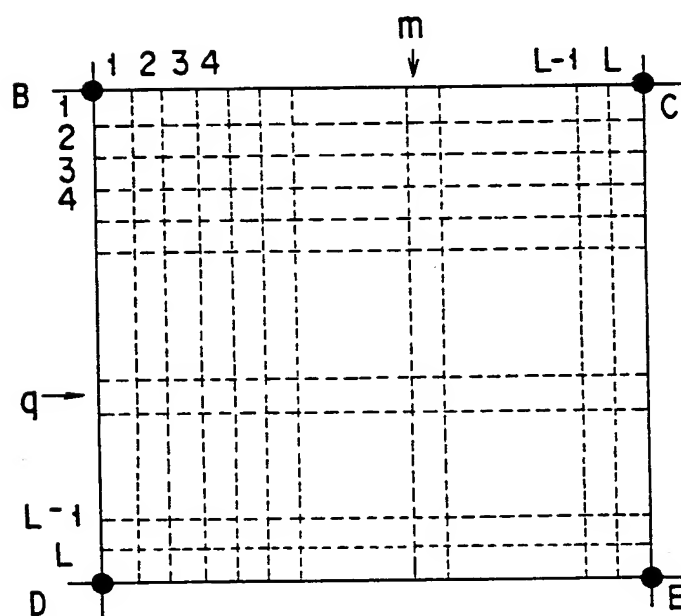


FIG. 125



F I G. 122



F I G. 126